

STIC-EIC1600/2900

301387

From: DENNIS HEYER [dennis.heyer@epo.gov]
 Sent: Thursday, July 09, 2009 10:04 AM
 To: STIC-EIC1600/2900
 Subject: Search Request, Case/Application No.: 10580575



10580575,
 Claims.pdf

Requester: DENNIS HEYER (2/16/05)
 Art Unit: GROUP ART UNIT 1615
 Employee Number: 86486
 Office Location: RPM 2075
 Phone Number: (571)270-7677

Case/Application Number: 10580575
 Priority Filing Date: 11/25/2007
 Format for Search Results: Score
 Meaning of unusual acronyms or initials:
 Copy of Claims are attached - please call if you have questions - thank you!

Identify the novelty:

The structure defined by Claim 1, Component A, can be found in the products: Great Oil P-10, P-11, P-12, S-10, S-11, S-12 and S-13 manufactured by Taiyo Kagaku Co., Ltd. Any prior art references to these "Great Oil" products, particularly in a cosmetic formulation and oil-in-water emulsion would be great.

Additional comments:

Regarding component B, Claim 3, Please search diligently for emulsifiers used in cosmetics, particularly oil-in-water emulsion compositions. Also, please search polyglycerin fatty acid esters in oil-in-water emulsion cosmetics.

Attachment: You (10580575, Claims.pdf)

LB

 Searcher:
 Examiner: PHOENIX
 Date Searcher Filed: 07/09/09
 Date of Report:
 Searcher Fee: \$2500
 Serial No: *****

 Type of Search:
 No. of _____
 No. of _____
 Excluded/Revised:
 Estimated Fee: _____
 Comments: _____

 Vendors/Exam where applicable
 Date: _____
 Date: _____
 Date: _____
 Date: _____
 Date: _____
 Date: _____
 Date: _____
 Date: _____

=> d his nofile

FILE 'REGISTRY' ENTERED AT 10:43:22 ON 13 JUL 2009
ACT D101112/A

L1 3 SEA SPE=ON ABB=ON PLU=ON ("GREAT OIL D 10"/CN OR "GREAT OIL
D 11"/CN OR "GREAT OIL D 12"/CN)

ACT S10111213/A

L2 (21)SEA SPE=ON ABB=ON PLU=ON (111-01-3/BI OR 112-92-5/BI OR
27841-06-1/BI OR 29806-73-3/BI OR 30399-84-9/BI OR 36653-82-4/B
I OR 38718-97-7/BI OR 5466-77-3/BI OR 59029-17-3/BI OR
61725-93-7/BI OR 661-19-8/BI OR 7299-99-2/BI OR 7360-38-5/BI
OR 756819-20-2/BI OR 756874-77-8/BI OR 756874-78-9/BI OR
756874-79-0/BI OR 83138-62-9/BI OR 9007-48-1/BI OR 9009-32-9/BI
OR 9016-00-6/BI)
L3 (8)SEA SPE=ON ABB=ON PLU=ON L2 AND C=18
L4 (11276)SEA SPE=ON ABB=ON PLU=ON C3H8O3
L5 4 SEA SPE=ON ABB=ON PLU=ON L4 AND L3

ACT DENNIS/A

L6 (524)SEA SPE=ON ABB=ON PLU=ON 25618-55-7/CRN
L7 (4066)SEA SPE=ON ABB=ON PLU=ON C18H36O2
L8 (56)SEA SPE=ON ABB=ON PLU=ON L7 AND L6
L9 25 SEA SPE=ON ABB=ON PLU=ON L8 AND NC=2

L10 26 SEA SPE=ON ABB=ON PLU=ON L5 OR L9

FILE 'REGISTRY' ENTERED AT 11:00:19 ON 13 JUL 2009
E DIGLYCERYL MONOOLEATE/CN

L11 1 SEA SPE=ON ABB=ON PLU=ON "DIGLYCERYL MONOOLEATE"/CN

FILE 'CAPLUS' ENTERED AT 11:00:56 ON 13 JUL 2009

L12 4 SEA SPE=ON ABB=ON PLU=ON L1
L13 706 SEA SPE=ON ABB=ON PLU=ON L5
L14 1018 SEA SPE=ON ABB=ON PLU=ON L10
L15 367 SEA SPE=ON ABB=ON PLU=ON L11
L16 7 SEA SPE=ON ABB=ON PLU=ON L13 AND L15
L17 7 SEA SPE=ON ABB=ON PLU=ON L13 AND L15
L18 95811 SEA SPE=ON ABB=ON PLU=ON GLYCERIDES/CW
L19 6104 SEA SPE=ON ABB=ON PLU=ON POLYGLYCER?/OBI
L20 100928 SEA SPE=ON ABB=ON PLU=ON (L18 OR L19)
L21 155 SEA SPE=ON ABB=ON PLU=ON L13 (L) COS/RL
L22 313 SEA SPE=ON ABB=ON PLU=ON L14 (L) COS/RL
L23 313 SEA SPE=ON ABB=ON PLU=ON L21 OR L22
L24 0 SEA SPE=ON ABB=ON PLU=ON L23 AND L15
L25 273 SEA SPE=ON ABB=ON PLU=ON L23 AND L20
L26 189537 SEA SPE=ON ABB=ON PLU=ON EMULS?/OBI
L27 129 SEA SPE=ON ABB=ON PLU=ON L25 AND L26
L28 87 SEA SPE=ON ABB=ON PLU=ON L21 AND L26
L29 2359 SEA SPE=ON ABB=ON PLU=ON EMOLLIENT?/OBI
L30 11 SEA SPE=ON ABB=ON PLU=ON L21 AND L29
L31 91 SEA SPE=ON ABB=ON PLU=ON L28 OR L30
L32 273402 SEA SPE=ON ABB=ON PLU=ON FATTY ACID#/OBI
L33 39 SEA SPE=ON ABB=ON PLU=ON L31 AND L32

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L34	35	SEA	SPE=ON	ABB=ON	PLU=ON	L33 NOT (L12 OR (L16 OR L17))
L35	11	SEA	SPE=ON	ABB=ON	PLU=ON	L12 OR L16 OR L17
L36	35	SEA	SPE=ON	ABB=ON	PLU=ON	L34 NOT L35
L37	122	SEA	SPE=ON	ABB=ON	PLU=ON	FUJINO J?/AU
L38	112	SEA	SPE=ON	ABB=ON	PLU=ON	OYAMA K?/AU
L39	5758	SEA	SPE=ON	ABB=ON	PLU=ON	UCHIDA K?/AU
L40	1032	SEA	SPE=ON	ABB=ON	PLU=ON	OKUBO Y?/AU
L41	7012	SEA	SPE=ON	ABB=ON	PLU=ON	(L37 OR L38 OR L39 OR L40)
L42	5	SEA	SPE=ON	ABB=ON	PLU=ON	L41 AND (L12 OR L13)
						D SCAN TI
L43	1	SEA	SPE=ON	ABB=ON	PLU=ON	L42 NOT (L35 OR L36)
						D SCAN
L44	0	SEA	SPE=ON	ABB=ON	PLU=ON	L41 AND L15
L45	50	SEA	SPE=ON	ABB=ON	PLU=ON	L41 AND L18
L46	5	SEA	SPE=ON	ABB=ON	PLU=ON	L45 AND (L26 OR L29)
L47	7	SEA	SPE=ON	ABB=ON	PLU=ON	L46 OR L42
L48	3	SEA	SPE=ON	ABB=ON	PLU=ON	L47 NOT ((L35 OR L36))
						D SCAN TI

=> fil reg
FILE 'REGISTRY' ENTERED AT 11:12:11 ON 13 JUL 2009
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 12 JUL 2009 HIGHEST RN 1161919-42-1
DICTIONARY FILE UPDATES: 12 JUL 2009 HIGHEST RN 1161919-42-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=> d que 11;d 11 1-3
L1 3 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON ("GREAT OIL D 10"/CN
OR "GREAT OIL D 11"/CN OR "GREAT OIL D 12"/CN)

L1 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2009 ACS on STN
RN 756874-79-0 REGISTRY
ED Entered STN: 05 Oct 2004
CN Great Oil D 12 (9CI) (CA INDEX NAME)
ENTE A polyglycerin mixture (Taiyo Kagaku Co., Ltd.)
MF Unspecified
CI PMS, MAN
PCT Manual registration
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
4 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2009 ACS on STN
RN 756874-78-9 REGISTRY
ED Entered STN: 05 Oct 2004
CN Great Oil D 11 (9CI) (CA INDEX NAME)
ENTE A polyglycerin mixture (Taiyo Kagaku Co., Ltd.)
MF Unspecified
CI PMS, MAN
PCT Manual registration
SR CA

LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

4 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2009 ACS on STN

RN 756874-77-8 REGISTRY

ED Entered STN: 05 Oct 2004

CN Great Oil D 10 (9CI) (CA INDEX NAME)

ENTE A polyglycerin mixture (Taiyo Kagaku Co., Ltd.)

MF Unspecified

CI PMS, MAN

PCT Manual registration

SR CA

LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

4 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d que 15

L2 (21)SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON (111-01-3/BI OR
112-92-5/BI OR 27841-06-1/BI OR 29806-73-3/BI OR 30399-84-9/BI
OR 36653-82-4/BI OR 38718-97-7/BI OR 5466-77-3/BI OR 59029-17-3
/BI OR 61725-93-7/BI OR 661-19-8/BI OR 7299-99-2/BI OR
7360-38-5/BI OR 756819-20-2/BI OR 756874-77-8/BI OR 756874-78-9
/BI OR 756874-79-0/BI OR 83138-62-9/BI OR 9007-48-1/BI OR
9009-32-9/BI OR 9016-00-6/BI)
L3 (8)SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON L2 AND C=18
L4 (11276)SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON C3H8O3
L5 4 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON L4 AND L3

→ I could not find any registry numbers for "great oil s 10-13". L5 above is most probably Great Oil s10-13 since I found them in the inventor's application. From the specs (table 3), s10-13 is a polyglycerin oleic acid ester.

=> d 15 1-4

L5 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2009 ACS on STN

RN 83138-62-9 REGISTRY

ED Entered STN: 16 Nov 1984

CN 1,2,3-Propanetriol, homopolymer, isooctadecanoate (CA INDEX NAME)

OTHER NAMES:

CN Isolan GI 34

CN Plurol isostearate

CN Plurol Isostearique

CN Polyglycerin isostearate

CN Polyglycerol isostearate

CN Polyglyceryl isostearate

Dennis Heyer 10/580,575

MF C18 H36 O2 . x (C3 H8 O3)x
 PCT Polyether, Polyether formed
 LC STN Files: CA, CAPLUS, CHEMLIST, TOXCENTER, USPAT2, USPATFULL
 Other Sources: TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 30399-84-9
 CMF C18 H36 O2
 CCI IDS

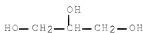


CM 2

CRN 25618-55-7
 CMF (C3 H8 O3)x
 CCI PMS

CM 3

CRN 56-81-5
 CMF C3 H8 O3



170 REFERENCES IN FILE CA (1907 TO DATE)
 4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 170 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 61725-93-7 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1,2,3-Propanetriol, homopolymer, dioctadecanoate (CA INDEX NAME)
 OTHER NAMES:
 CN Emalex DSG 2
 CN Polyglycerin distearate
 CN Polyglycerol distearate
 CN Polyglyceryl distearate
 DR 146478-30-0, 403821-13-6
 MF C18 H36 O2 . 1/2 (C3 H8 O3)x
 PCT Polyether, Polyether formed
 LC STN Files: CA, CAPLUS, CHEMLIST, TOXCENTER, USPAT2, USPATFULL
 Other Sources: DSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 57-11-4
 CMF C18 H36 O2

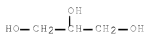


CM 2

CRN 25618-55-7
 CMF (C3 H8 O3)x
 CCI PMS

CM 3

CRN 56-81-5
 CMF C3 H8 O3



50 REFERENCES IN FILE CA (1907 TO DATE)
 50 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 9099-32-9 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1,2,3-Propanetriol, homopolymer, octadecanoate (CA INDEX NAME)
 OTHER NAMES:
 CN Atmer 184
 CN Chirabazol P 4
 CN Crester KZ
 CN Estax 49
 CN Polyglycerin stearate
 CN Polyglycerol octadecanoate
 CN Polyglycerol stearate
 CN Polyglyceryl stearate
 CN Rikemal AF 70
 CN S 15D
 CN Sunsoft PS 68
 CN Vykamol KT
 DR 57608-39-6, 75216-71-6
 MF C18 H36 O2 . x (C3 H8 O3)x
 PCT Polyether, Polyether formed
 LC STN Files: AGRICOLA, BIOSIS, CA, CAPLUS, CASREACT, CHEMLIST, CSCHEM,
 IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPAT2, USPATFULL, USPATOLD

CM 1

CRN 57-11-4
 CMF C18 H36 O2

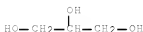


CM 2

CRN 25618-55-7
 CMF (C3 H8 O3)x
 CCI PMS

CM 3

CRN 56-81-5
 CMF C3 H8 O3



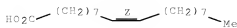
214 REFERENCES IN FILE CA (1907 TO DATE)
 4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 214 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 9007-48-1 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1,2,3-Propanetriol, homopolymer, (9Z)-9-octadecenoate (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1,2,3-Propanetriol, homopolymer, (Z)-9-octadecenoate
 OTHER NAMES:
 CN AG 7520
 CN Chirabazol VR 01
 CN Demal 14
 CN DO 13
 CN Emcol 12-14-18
 CN Emcol 14
 CN Emulsogen OG
 CN Emulsogen OGP
 CN Estax 50
 CN Isolac GO 33
 CN Oleic acid polyglyceride
 CN Plurol oleique
 CN Plurol Oleique CC 495
 CN Polyglycerin oleate
 CN Polyglycerol oleate
 CN Polyglyceryl oleate
 CN Santone 3-1SH
 CN Unigly GO 102S
 FS STEREOSEARCH
 DR 945857-03-4, 9009-31-8, 109190-38-7, 68238-75-5, 75496-64-9, 39403-38-8
 MF C18 H34 O2 . x (C3 H8 O3)x
 CI COM
 PCT Polyether, Polyether formed
 LC STN Files: BIOSIS, CA, CAPLUS, CHEMCATS, CHEMLIST, CSCHEM, IFICDB,
 IFIPAT, IFIUDB, MSDS-OHS, RTECS*, TOXCENTER, USPAT2, USPATFULL, USPATOLD
 (*File contains numerically searchable property data)
 Other Sources: DSL**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 112-80-1
CMF C18 H34 O2

Double bond geometry as shown.

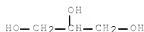


CM 2

CRN 25618-55-7
CMF (C3 H8 O3)x
CCI PMS

CM 3

CRN 56-81-5
CMF C3 H8 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

381 REFERENCES IN FILE CA (1907 TO DATE)
7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
381 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d que 110

L2 (21)SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON (111-01-3/BI OR
112-92-5/BI OR 27841-06-1/BI OR 29806-73-3/BI OR 30399-84-9/BI
OR 36653-82-4/BI OR 38718-97-7/BI OR 5466-77-3/BI OR 59029-17-3
/BI OR 61725-93-7/BI OR 661-19-8/BI OR 7299-99-2/BI OR
7360-38-5/BI OR 756819-20-2/BI OR 756874-77-8/BI OR 756874-78-9
/BI OR 756874-79-0/BI OR 83138-62-9/BI OR 9007-48-1/BI OR
9009-32-9/BI OR 9016-00-6/BI)
L3 (8)SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON L2 AND C=18
L4 (11276)SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON C3H8O3
L5 (4 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON L4 AND L3
L6 (524)SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON 25618-55-7/CRN
L7 (4066)SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON C18H36O2
L8 (56)SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON L7 AND L6
L9 (25 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON L8 AND NC=2

L10 26 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON L5 OR L9

→ any of these registry numbers could possibly also be Great Oil s10-13, since they contain polyglycerin oleic acid esters also.

=> d que l11

L11 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON "DIGLYCERYL MONOOLEATE"/CN

=> d l11

L11 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN

RN 49553-76-6 REGISTRY

ED Entered STN: 16 Nov 1984

CN 9-Octadecenoic acid (9Z)-, monoester with oxybis[propanediol] (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 9-Octadecenoic acid (Z)-, monoester with oxybis[propanediol]

OTHER NAMES:

CN DGMO

CN DGMO 90

CN DGMO-C

CN Diglycerin monooleate

CN Diglycerol monooleate

CN Diglyceryl monooleate

CN Dimodan DGMO

CN DO 100

CN Emalex MOG 2

CN Grindsted PGE-O 80

CN Nikkol DGMO

CN Nikkol DGMO-C

CN Oleic acid diglycerol monoester

CN Poem DO 100

CN Poem DO 100V

CN Poem DOC 100V

CN Rikemal DO 100

CN Rylo PG 29

CN TS-T 154

FS STEREOSEARCH

DR 63103-02-6, 137803-55-5, 143718-75-6, 52783-51-4, 180064-09-9

MF C24 H46 O6

CI IDS, COM

LC STN Files: AGRICOLA, BIOSIS, CA, CAPLUS, CASREACT, CHEMLIST, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPAT2, USPATFULL

Other Sources: EINECS**

(**Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 59113-36-9

CMF C6 H14 O5

CCI IDS, MAN

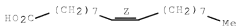
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 112-80-1

CMF C18 H34 O2

Double bond geometry as shown.



366 REFERENCES IN FILE CA (1907 TO DATE)

3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

366 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> fil caplus

FILE 'CAPLUS' ENTERED AT 11:13:07 ON 13 JUL 2009

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FILE COVERS 1907 - 13 Jul 2009 VOL 151 ISS 3

FILE LAST UPDATED: 12 Jul 2009 (20090712/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2009

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

'OBI' IS DEFAULT SEARCH FIELD FOR 'CAPLUS' FILE

=> d que 135

L1 3 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON ("GREAT OIL D 10"/CN OR "GREAT OIL D 11"/CN OR "GREAT OIL D 12"/CN)

L2 (21)SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON (111-01-3/BI OR 112-92-5/BI OR 27841-06-1/BI OR 29806-73-3/BI OR 30399-84-9/BI OR 36653-82-4/BI OR 38718-97-7/BI OR 5466-77-3/BI OR 59029-17-3/BI OR 61725-93-7/BI OR 661-19-8/BI OR 7299-99-2/BI OR 7360-38-5/BI OR 756819-20-2/BI OR 756874-77-8/BI OR 756874-78-9/BI OR 756874-79-0/BI OR 83138-62-9/BI OR 9007-48-1/BI OR 9009-32-9/BI OR 9016-00-6/BI)

Dennis Heyer 10/580,575

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L3 (      8)SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON L2 AND C=18
L4 (    11276)SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON C3H8O3
L5      4 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON L4 AND L3
L11     1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON "DIGLYCERYL MONOOLEAT
E"/CN
L12     4 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L1
L13     706 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L5
L15     367 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L11
L16      7 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L13 AND L15
L17      7 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L13 AND L15
L35     11 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L12 OR L16 OR L17

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=> d que 136

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L1      3 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON ("GREAT OIL D 10"/CN
OR "GREAT OIL D 11"/CN OR "GREAT OIL D 12"/CN)
L2 (    21)SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON (111-01-3/BI OR
112-92-5/BI OR 27841-06-1/BI OR 29806-73-3/BI OR 30399-84-9/BI
OR 36653-82-4/BI OR 38718-97-7/BI OR 5466-77-3/BI OR 59029-17-3
/BI OR 61725-93-7/BI OR 661-19-8/BI OR 7299-99-2/BI OR
7360-38-5/BI OR 756819-20-2/BI OR 756874-77-8/BI OR 756874-78-9
/BI OR 756874-79-0/BI OR 83138-62-9/BI OR 9007-48-1/BI OR
9009-32-9/BI OR 9016-00-6/BI)
L3 (      8)SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON L2 AND C=18
L4 (    11276)SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON C3H8O3
L5      4 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON L4 AND L3
L11     1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON "DIGLYCERYL MONOOLEAT
E"/CN
L12     4 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L1
L13     706 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L5
L15     367 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L11
L16      7 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L13 AND L15
L17      7 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L13 AND L15
L21     155 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L13 (L) COS/RL
L26     189537 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON EMULS?/OBI
L28      87 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L21 AND L26
L29     2359 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON EMOLLIENT?/OBI
L30     11 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L21 AND L29
L31     91 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L28 OR L30
L32     273402 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON FATTY ACID#/OBI
L33     39 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L31 AND L32
L34     35 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L33 NOT (L12 OR (L16
OR L17))
L35     11 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L12 OR L16 OR L17
L36     35 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L34 NOT L35

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=> d que 148

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L1      3 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON ("GREAT OIL D 10"/CN
OR "GREAT OIL D 11"/CN OR "GREAT OIL D 12"/CN)
L2 (    21)SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON (111-01-3/BI OR
112-92-5/BI OR 27841-06-1/BI OR 29806-73-3/BI OR 30399-84-9/BI
OR 36653-82-4/BI OR 38718-97-7/BI OR 5466-77-3/BI OR 59029-17-3
/BI OR 61725-93-7/BI OR 661-19-8/BI OR 7299-99-2/BI OR
7360-38-5/BI OR 756819-20-2/BI OR 756874-77-8/BI OR 756874-78-9
/BI OR 756874-79-0/BI OR 83138-62-9/BI OR 9007-48-1/BI OR
9009-32-9/BI OR 9016-00-6/BI)
L3 (      8)SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON L2 AND C=18
L4 (    11276)SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON C3H8O3
L5      4 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON L4 AND L3

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Dennis Heyer 10/580,575

L11 1 SEA FILE=REGISTRY SPE=ON ABB=ON PLU=ON "DIGLYCERYL MONOOLEAT
E"/CN

L12 4 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L1

L13 706 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L5

L15 367 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L11

L16 7 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L13 AND L15

L17 7 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L13 AND L15

L18 95811 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON GLYCERIDES/CW

L21 155 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L13 (L) COS/RL

L26 189537 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON EMULS?/OBI

L28 87 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L21 AND L26

L29 2359 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON EMOLLIENT?/OBI

L30 11 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L21 AND L29

L31 91 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L28 OR L30

L32 273402 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON FATTY ACID#/OBI

L33 39 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L31 AND L32

L34 35 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L33 NOT (L12 OR (L16
OR L17))

L35 11 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L12 OR L16 OR L17

L36 35 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L34 NOT L35

L37 122 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON FUJINO J?/AU

L38 112 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON OYAMA K?/AU

L39 5758 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON UCHIDA K?/AU

L40 1032 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON OKUBO Y?/AU

L41 7012 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON (L37 OR L38 OR L39 OR
L40)

L42 5 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L41 AND (L12 OR L13)

L45 50 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L41 AND L18

L46 5 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L45 AND (L26 OR L29)

L47 7 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L46 OR L42

L48 3 SEA FILE=CAPLUS SPE=ON ABB=ON PLU=ON L47 NOT ((L35 OR L36))

=> d .ca hitstr 135 1-11; d .ca 136 1-35; d .ca 148 1-3

L35 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2009 ACS ON STN

ACCESSION NUMBER: 2005:1307709 CAPLUS Full-text

DOCUMENT NUMBER: 144:27165

TITLE: Self-emulsifiable oily solid cosmetic compositions

INVENTOR(S): Fujino, Hitoshi; Oyama, Keiichi; Uchida, Kazuhito;
Doi, Mikio

PATENT ASSIGNEE(S): Nissin Oillio Group, Ltd., Japan; Taiyo Kagaku Co.,
Ltd.

SOURCE: Jpn. Kokai Tokkyo Koho, 36 pp.
CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2005343844	A	20051215	JP 2004-167063	20040604
JP 4041475	B2	20080130		
PRIORITY APPLN. INFO.:			JP 2004-167063	20040604
ED	Entered STN: 15 Dec 2005			
AB	The invention relates to a self-emulsifiable oily solid cosmetic composition suitable for use in a cleansing composition and bath composition, wherein the			

composition is characterized by containing (1) polyglycerin fatty acid ester having a hydroxyl value 450-700, wherein the amount of C16-22 linear saturated fatty acid residue in the total fatty acid residue is 50-100 %, the amts. of dimer or trimer cyclic polyglycerin, ≥ 11 polyglycerin, and 4-10 polyglycerin in the total polyglycerin are 0-3, 10-30, and 4-20 %, resp., and (2) an oily component. Thus, polyglycerin stearate was prepared from a polyglycerin mixture (Great Oil D 10) and stearic acid. The obtained polyglycerin stearate 16 parts was mixed with diglycerin stearate 4, 2-Et hexyl palmitate 80 parts to make a self-emulsifiable cosmetic cleansing composition

IC ICM A61K007-50
ICS A61K007-00; C11D001-68; C11D003-20
CC 62-4 (Essential Oils and Cosmetics)
IT 293-51-6, Cyclotetrasiloxane 1406-18-4, Vitamin E 9009-32-9,
Polyglycerin stearate 29806-73-3, 2-Ethyl hexyl palmitate 42131-25-9,
Isononyl isononanoate 51330-20-2, Polyglycerin palmitate 64366-79-6,
Polyglycerin behenate 129726-86-9, Neopentyl glycol diisooctanoate
756874-77-8D, Great Oil D 10, reaction products with fatty acids
756874-78-9D, Great Oil D 11, reaction products with fatty acids
756874-79-0D, Great Oil D 12, reaction products with fatty acids
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(self-emulsifiable oily solid cosmetic compns. containing specified
polyglycerin fatty acid esters and oily components)
IT 756874-77-8D, Great Oil D 10, reaction products with fatty acids
756874-78-9D, Great Oil D 11, reaction products with fatty acids
756874-79-0D, Great Oil D 12, reaction products with fatty acids
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(self-emulsifiable oily solid cosmetic compns. containing specified
polyglycerin fatty acid esters and oily components)
RN 756874-77-8 CAPLUS
CN Great Oil D 10 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
RN 756874-78-9 CAPLUS
CN Great Oil D 11 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
RN 756874-79-0 CAPLUS
CN Great Oil D 12 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L35 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2009 ACS ON STN
ACCESSION NUMBER: 2005:493484 CAPLUS Full-text
DOCUMENT NUMBER: 143:31904
TITLE: Oil-in-water-type emulsified cosmetic preparation and
process for producing the same
INVENTOR(S): Fujino, Jin; Ooyama, Keiichi; Uchida, Kazuhito; Okubo,
Yasuhiro
PATENT ASSIGNEE(S): The Nisshin Oilio Group, Ltd., Japan; Taiyo Kagaku
Co., Ltd.
SOURCE: PCT Int. Appl., 60 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005051334	A1	20050609	WO 2004-JP17459	20041125

Dennis Heyer 10/580,575

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

JP 2005179335	A	20050707	JP 2004-186841	20040624
EP 1704846	A1	20060927	EP 2004-819389	20041125
R: FR				
CN 1886112	A	20061227	CN 2004-80034948	20041125
CN 100435773	C	20081126		
US 20070128146	A1	20070607	US 2006-580575	20060525
KR 2007029638	A	20070314	KR 2006-712614	20060623
PRIORITY APPLN. INFO.:			JP 2003-400590	A 20031128
			JP 2004-186841	A 20040624
			WO 2004-JP17459	W 20041125

ED Entered STN: 10 Jun 2005

AB Disclosed is an oil-in-water-type emulsified cosmetic preparation containing a polyglycerol fatty acid ester as a surfactant. It has high stability to temperature fluctuations and gives an excellent use feeling. The oil-in-water-type emulsified cosmetic preparation comprises (1) a surfactant comprising a polyglycerol fatty acid ester which has a hydroxy value of 450 to 700 and in which 50 to 100% by mass of all constituent fatty acid residues are accounted for by a C16-18 fatty acid residue and the polyglycerol has a specific polymerization degree distribution, (2) an oily matter, and (3) water. Thus, polyglycerin isostearate was prepared from polyglycerin (Great Oil D-10) and isostearic acid. The obtained polyglycerin isostearate 2 parts was combined with liquid paraffin 20, 1,3-butylene glycol 10, 1 % carboxyvinylpolymer solution 10, 1 % NaOH solution 2, and water balance to 10 parts to make a cosmetic emulsion.

IC ICM A61K007-00

CC 62-4 (Essential Oils and Cosmetics)

IT 30399-84-9, Isostearic acid 756874-77-8, Great Oil D 10

756874-78-9, Great Oil D 11 756874-79-0, Great Oil D 12

RL: RCT (Reactant); RACT (Reactant or reagent)

(oil-in-water-type emulsified cosmetic compns. containing polyglycerin fatty acid esters and oils, and production thereof)

IT 756874-77-8, Great Oil D 10 756874-78-9, Great Oil D 11

756874-79-0, Great Oil D 12

RL: RCT (Reactant); RACT (Reactant or reagent)

(oil-in-water-type emulsified cosmetic compns. containing polyglycerin fatty acid esters and oils, and production thereof)

RN 756874-77-8 CAPLUS

CN Great Oil D 10 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 756874-78-9 CAPLUS

CN Great Oil D 11 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 756874-79-0 CAPLUS

CN Great Oil D 12 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS

L35 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2009 ACS ON STN
 ACCESSION NUMBER: 2005:160433 CAPLUS Full-text
 DOCUMENT NUMBER: 142:264152
 TITLE: Emulsified fuels and engine oil synergy
 INVENTOR(S): Langer, Deborah A.; Bardasz, Ewa A.; Abraham, William D.
 PATENT ASSIGNEE(S): The Lubrizol Corporation, USA
 SOURCE: U.S. Pat. Appl. Publ., 16 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20050039381	A1	20050224	US 2003-646982	20030822
US 7413583	B2	20080819		
WO 2005021691	A2	20050310	WO 2004-US26635	20040817
WO 2005021691	A3	20050421		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1664250	A2	20060607	EP 2004-781345	20040817
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
PRIORITY APPLN. INFO.:			US 2003-646982	A 20030822
			WO 2004-US26635	W 20040817
ED	Entered STN: 25 Feb 2005			
AB	The invention relates to the use of an emulsified fuel in combination with an engine oil that shows a synergistic effect in reducing emissions such as particulate matter, hydrocarbons and/or nitrogen oxides (NO, NO2, N2O, collectively NOx) and/or reducing wear from an engine.			
IC	ICM C10L001-32			
INCL	044301000; X4-430.2			
CC	51-9 (Fossil Fuels, Derivatives, and Related Products)			
IT	57-50-1D, Sucrose, ester derivs. 57-55-6, Propylene glycol, uses 86-25-9, Octyldiphenylamine 96-65-1 108-30-5D, Succinic acid anhydride, polyisobutenyl derivs., reaction products with aminoalcs. or alkylene polyamines 108-95-2D, Phenol, t-butylated derivs. 110-15-6D, Succinic acid, polyisobutenyl derivs., reaction products with aminoalcs. or alkylene polyamines 118-82-1 119-47-1 122-39-4, Diphenylamine, uses 122-39-4D, Diphenylamine, alkylated and other derivs. 122-39-4D, Diphenylamine, nonylated derivs. 123-56-8D, Succinimide, polyisobutenyl derivs. 128-37-0, 2,6-Di-tert-Butyl-4-methylphenol, uses 128-39-2, 2,6-Di-tert-butylphenol 504-75-6D, Imidazoline, derivs. 1338-43-8, Sorbitan monooleate 4130-42-1, 4-Ethyl-2,6-di-tert-butylphenol 4306-88-1, 4-Nonyl-2,6-di-tert-butylphenol 4907-58-8 4973-24-4, 4-Propyl-2,6-di-tert-butylphenol 4973-26-6 5117-19-1D, Octaethylene glycol, nonyl, decyl, and undecyl monoalkyl ethers 5138-18-1D,			

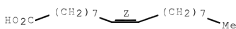
Sulfosuccinic acid, salts and derivs. 5353-27-5 5530-30-3,
 4-Butyl-2,6-di-tert-butylphenol 6484-52-2, Ammonium nitrate, uses
 6842-15-D, Tetra propylene 7664-38-2D, Phosphoric acid, esters
 7664-38-2D, Phosphoric acid, esters, derivs. 7664-41-7D, Ammonia,
 reaction products with C1-C40 and C50-C500 acylating agents 8007-43-0,
 Sorbitan sesquioleate 9005-07-6, Polyethylene glycol dioleate
 9005-08-7, Polyethylene glycol distearate 9007-48-1
 9011-13-6D, Styrene-maleic anhydride copolymer, esters 12694-22-3,
 Diglycerol monostearate 15383-23-0 20170-32-5,
 3,5-Di-tert-butyl-4-hydroxy hydrocinnamic acid 22013-70-3 25496-01-9,
 Tridecylbenzenesulfonic acid 25496-01-9D, Tridecylbenzenesulfonic acid,
 salts 25496-72-4, Glycerol monooleate 25637-84-7, Glycerol dioleate
 26266-58-0, Sorbitan trioleate 26603-23-6 27176-87-0,
 Dodecylbenzenesulfonic acid 27176-87-0D, Dodecylbenzenesulfonic acid,
 salts 35309-87-6 36878-20-3 49553-76-6, Diglycerol
 monooleate 50852-11-4D, Naphthalenesulfonate, salts 54392-26-6,
 Sorbitan monoisostearate 56280-62-7 57511-45-2 63119-59-5,
 Diglycerol distearate 67965-56-4, Diglycerol dioleate 68958-64-5
 84015-01-0 95872-22-3 146478-45-7, Polyglycerol dioleate 199859-17-1
 765956-84-1 816462-78-9 816462-82-5 816462-83-6 845638-98-4
 RL: MOA (Modifier or additive use); USES (Uses)
 (emulsified fuels and engine oil with additives with synergy for
 enhanced performance and emissions redns.)
 IT 9007-48-1 49553-76-6, Diglycerol monooleate
 RL: MOA (Modifier or additive use); USES (Uses)
 (emulsified fuels and engine oil with additives with synergy for
 enhanced performance and emissions redns.)
 RN 9007-48-1 CAPLUS
 CN 1,2,3-Propanetriol, homopolymer, (9Z)-9-octadecenoate (CA INDEX NAME)

CM 1

CRN 112-80-1

CMF C18 H34 O2

Double bond geometry as shown.



CM 2

CRN 25618-55-7

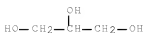
CMF (C3 H8 O3)x

CCI PMS

CM 3

CRN 56-81-5

CMF C3 H8 O3



RN 49553-76-6 CAPLUS
 CN 9-Octadecenoic acid (9Z)-, monoester with oxybis[propanediol] (CA INDEX NAME)

CM 1

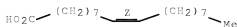
CRN 59113-36-9
 CMF C6 H14 O5
 CCI IDS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 112-80-1
 CMF C18 H34 O2

Double bond geometry as shown.



REFERENCE COUNT: 132 THERE ARE 132 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L35 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2009 ACS ON STN
 ACCESSION NUMBER: 2005:54982 CAPLUS [Full-text](#)
 DOCUMENT NUMBER: 142:150257
 TITLE: Pesticidal ovicidal compositions comprising palm oil, palm kernel, or triglyceride
 INVENTOR(S): Arimoto, Yutaka
 PATENT ASSIGNEE(S): Riken Corp., Japan
 SOURCE: PCT Int. Appl., 21 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005004602	A1	20050120	WO 2004-JP9802	20040709
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
JP 2005029489	A	20050203	JP 2003-194837	20030710
EP 1645187	A1	20060412	EP 2004-747270	20040709
R:	ES, GR, IT, TR			
US 20060165748	A1	20060727	US 2006-327423	20060109

Dennis Heyer 10/580,575

PRIORITY APPLN. INFO.:

JP 2003-194837
WO 2004-JP9802

A 20030710
W 20040709

ED Entered STN: 20 Jan 2005

AB Insecticidal/acaricidal/ovicidal compns. comprise as active ingredients ≥ 1 component selected from the group consisting of palm oil, palm kernel oil, triglycerides of C10, C12, or C14 saturated fatty acids, triglycerides of C18 unsatd. fatty acids, and triglycerides containing ≥ 2 types of constituent fatty acids consisting of C10, C12, or C14 saturated fatty acid and C18 unsatd. fatty acid. These pesticidal ovicidal compns. are sprayed over crops in amts. of 0.2 to 8 kg/10 are. Thus, palm oil mixed with an auxiliary agent (Actor M 2 + Rikemal B 205 + Rikemal O 71D, 1:1:1) at an 8:2 ratio, at a concentration of 300 mg/100 mL, showed 100% ovicidal effect against *Tetranychus urticae*; the same formulation gave 100% control of *Aphis gossypii*.

IC ICM A01N037-02

ICS A01N037-06

CC 5-4 (Agrochemical Bioregulators)

IT 9007-48-1, Polyglycerin oleate

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(AG 7520; pesticidal ovicidal compns. containing)

IT 9002-92-0, Rikemal B 205 49553-76-6, Rikemal DO 100

141093-35-8, Sorpol 355H

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(pesticidal ovicidal compns. containing)

IT 9007-48-1, Polyglycerin oleate

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(AG 7520; pesticidal ovicidal compns. containing)

RN 9007-48-1 CAPLUS

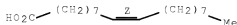
CN 1,2,3-Propanetriol, homopolymer, (9Z)-9-octadecenoate (CA INDEX NAME)

CM 1

CRN 112-80-1

CMF C18 H34 O2

Double bond geometry as shown.



CM 2

CRN 25618-55-7

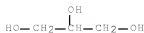
CMF (C3 H8 O3)x

CCI PMS

CM 3

CRN 56-81-5

CMF C3 H8 O3



IT 49553-76-6, Rikemal DO 100
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (pesticidal ovicidal compns. containing)
 RN 49553-76-6 CAPLUS
 CN 9-Octadecenoic acid (9Z)-, monoester with oxybis[propanediol] (CA INDEX
 NAME)

CM 1

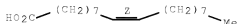
CRN 59113-36-9
 CMF C6 H14 O5
 CCI IDS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 112-80-1
 CMF C18 H34 O2

Double bond geometry as shown.



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L35 ANSWER 5 OF 11 CAPLUS COPYRIGHT 2009 ACS ON STN
 ACCESSION NUMBER: 2004:995937 CAPLUS Full-text
 DOCUMENT NUMBER: 141:415603
 TITLE: Self-emulsifying oily liquid cosmetics containing
 polyglycerin esters
 INVENTOR(S): Fujino, Jin; Oyama, Keiichi; Uchida, Kazuhito
 PATENT ASSIGNEE(S): The Nisshin Oilio Group, Ltd., Japan; Taiyo Kagaku
 Co., Ltd.
 SOURCE: PCT Int. Appl., 49 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004098544	A1	20041118	WO 2004-JP6469	20040507
WO 2004098544	A9	20050526		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
 CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
 GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
 SN, TD, TG

Dennis Heyer 10/580,575

EP 1623694	A1	20060208	EP 2004-731725	20040507
R: FR				
CN 1784211	A	20060607	CN 2004-80012310	20040507
CN 100396274	C	20080625		
US 20060286133	A1	20061221	US 2005-556177	20051107
PRIORITY APPLN. INFO.:			JP 2003-131782	A 20030509
			JP 2003-403334	A 20031202
			WO 2004-JP6469	W 20040507

ED Entered STN: 19 Nov 2004

AB A self-emulsifying oily liquid cosmetic comprises 8 to 30 % by mass of the following component (A) and 50 to 92 % by mass of the following component (B): component (A): a polyglycerin fatty acid ester component having a hydroxyl value of 450 to 700, wherein C16-18 branched fatty acid residues and/or C16-18 straight-chain unsatd. fatty acid residues account for 50 to 100 % by mass of the whole constituent fatty acid residue component and the total content of cyclic di- and tri-glycerin in the polyglycerin component constituting the polyglycerin fatty acid ester component and that of undecaglycerin and higher polyglycerins therein are 0 to 3 % and 10 to 30 % resp. with the contents of tetra- to deca-glycerins therein being each 4 to 20 %, and component (B): an oily component. For example, a skin cleanser contained polyglycerin oleate 15.0, diglycerin oleate (hydroxy value 410) 2.0, soy lecithin 1, palmityl isooctanoate 39.5, neopentyl glycol diisooctanoate 20, paraffin oils 5, isononyl isononanoate 15, cyclotetrasiloxane 0.5, vitamin E 1, perfumes 0.5, and distilled water 0.5 %.

IC ICM A61K007-00

CC 62-3 (Essential Oils and Cosmetics)

IT 9007-48-1, Polyglycerin oleate 59029-17-3, Diglycerin oleate 83138-62-9, Polyglycerin isostearate 756819-20-2 756874-77-8D, Great Oil D 10, C16-18 fatty acid esters 756874-78-9D, Great Oil D 11, C16-18 fatty acid esters 756874-79-0D, Great Oil D 12, C16-18 fatty acid esters

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(self-emulsifying oily liquid cosmetics containing polyglycerin esters)

IT 756874-77-8D, Great Oil D 10, C16-18 fatty acid esters

756874-78-9D, Great Oil D 11, C16-18 fatty acid esters

756874-79-0D, Great Oil D 12, C16-18 fatty acid esters

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(self-emulsifying oily liquid cosmetics containing polyglycerin esters)

RN 756874-77-8 CAPLUS

CN Great Oil D 10 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 756874-78-9 CAPLUS

CN Great Oil D 11 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 756874-79-0 CAPLUS

CN Great Oil D 12 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L35 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2009 ACS ON STN

ACCESSION NUMBER: 2004:756337 CAPLUS Full-text

DOCUMENT NUMBER: 141:265588

TITLE: Self-emulsifiable oily liquid cosmetics containing polyglycerin fatty acid esters

INVENTOR(S): Fujino, Hitoshi; Oyama, Keiichi; Uchida, Kazuhito

PATENT ASSIGNEE(S): Nisshin Oil Mills Ltd., Japan; Taiyo Kagaku Co., Ltd.

Dennis Heyer 10/580,575

SOURCE: Jpn. Kokai Tokkyo Koho, 25 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004256514	A	20040916	JP 2003-403333	20031202
JP 3891982	B2	20070314		

PRIORITY APPLN. INFO.: JP 2003-29937 A 20030206

ED Entered STN: 16 Sep 2004

AB The cosmetics contain 8-30 weight% polyglycerin fatty acid esters (HLB 11.0-15.0) comprising fatty acid residues containing 50-100 weight% C16-18 branched fatty acid residues and/or C16-18 straight-chain unsatd. fatty acid residues and polyglycerin having compositional ratios of polyglycerin cyclic dimers and trimers (in total) 0-3, ≥11-mer polyglycerin (in total) 10-30, and 4- to 10-mer polyglycerin (each) 4-20% and 50-92 weight% oily ingredients. A skin cleanser containing polyglycerin oleate (HLB 12.5) 16.0, diglycerin isostearate 4.0, and isooctyl palmitate 80.0 weight% showed high detergency and no separation or precipitation after 6-mo storage at 5, 25, or 40°.

IC ICM A61K007-00

ICS A61K007-02; A61K007-50

CC 62-4 (Essential Oils and Cosmetics)

IT 756874-77-8, Great Oil D 10 756874-78-9, Great Oil D 11

756874-79-8, Great Oil D 12

RL: RCT (Reactant); RACT (Reactant or reagent)

(storage-stable self-emulsifiable oily liquid cosmetics containing polyglycerin fatty acid esters)

IT 756874-77-8, Great Oil D 10 756874-78-9, Great Oil D 11

756874-79-8, Great Oil D 12

RL: RCT (Reactant); RACT (Reactant or reagent)

(storage-stable self-emulsifiable oily liquid cosmetics containing polyglycerin fatty acid esters)

RN 756874-77-8 CAPLUS

CN Great Oil D 10 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 756874-78-9 CAPLUS

CN Great Oil D 11 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 756874-79-0 CAPLUS

CN Great Oil D 12 (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L35 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:739944 CAPLUS Full-text

DOCUMENT NUMBER: 141:245256

TITLE: Water-in-oil emulsions containing solvents, water, and surfactants

INVENTOR(S): Filippini, Brian B.; Mullay, John J.; Langer, Deborah A.; Carey, Jeffrey M.; Dix, Robert W.

PATENT ASSIGNEE(S): The Lubrizol Corporation, USA

SOURCE: U.S. Pat. Appl. Publ., 17 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20040176263	A1	20040909	US 2003-383188	20030306
US 7176174	B2	20070213		
WO 2004081124	A2	20040923	WO 2004-US6628	20040304
WO 2004081124	A3	20041104		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2003-383188	A 20030306
OTHER SOURCE(S): MARPAT 141:245256				
ED Entered SIN: 10 Sep 2004				
AB A water-in-oil emulsion composition is disclosed. The composition contains (A) a solvent, (B) water, and (C) a surfactant. This composition is suitable for removing non-aqueous coatings such as paints and the like as well as waxes and greases from substrates.				
IC ICM C11D017-00				
INCL 510201000; X51-041.7				
CC 46-1 (Surface Active Agents and Detergents)				
IT 56-81-5D, Glycerol, esters 57-50-1D, Sucrose, ester 67-64-1, Acetone, uses 75-09-2, Methylene chloride, uses 78-93-3, Methyl ethyl ketone, uses 108-88-3, Toluene, uses 110-15-6D, Succinic acid, polyisobutene substituted, reaction products with alkanol amine, uses 127-18-4, Perchloroethylene, uses 627-93-0, Dimethyl adipate 872-50-4, N-Methyl pyrrolidone, uses 1119-40-0, Dimethyl glutarate 1330-20-7, Xylene, uses 1338-43-8, Sorbitan monooleate 7664-41-7D, Ammonia, reaction products with polycarboxylic acylating agents 7732-18-5, Water, uses 8007-43-0, Sorbitan sesquioleate 9002-88-4D, Polyethylene, carboxylic acid derivs. 9003-07-0D, Polypropylene, carboxylic acid derivs. 9003-27-4D, Polyisobutene, carboxylic acid derivs. 9004-98-2, Poly(ethylene glycol) monooleyl ether 9005-07-6, Polyethylene glycol dioleate 9005-08-7, Polyethylene glycol distearate 9005-53-2, Lignin, uses 9007-48-1, Polyglycerol oleate 9010-85-9D, Isobutene-isoprene copolymer, carboxylic acid derivs. 12694-22-3, Diglycerol monostearate 25496-01-9, Tridecylbenzene sulfonic acid 25496-72-4, Glycerol monooleate 26266-58-0, Sorbitan trioleate 26588-90-9D, Butadiene-isobutene copolymer, carboxylic acid derivs. 27176-87-0, Dodecyl benzene sulfonic acid 49553-76-6, Diglycerol monooleate 50852-11-4, Naphthalene sulfonate 54392-26-6, Sorbitan monoisostearate 63119-59-5, Diglycerol distearate 67965-56-4, Diglycerol dioleate 146478-45-7, Polyglycerol dioleate				
RL: TEM (Technical or engineered material use); USES (Uses)				
(water-in-oil emulsions containing solvents, water, and surfactants)				
IT 9007-48-1, Polyglycerol oleate 49553-76-6, Diglycerol monooleate				
RL: TEM (Technical or engineered material use); USES (Uses)				
(water-in-oil emulsions containing solvents, water, and surfactants)				
RN 9007-48-1 CAPLUS				
CN 1,2,3-Propanetriol, homopolymer, (9Z)-9-octadecenoate (CA INDEX NAME)				

CM 1

CRN 112-80-1
 CMF C18 H34 O2

Double bond geometry as shown.

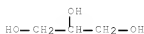


CM 2

CRN 25618-55-7
 CMF (C3 H8 O3)x
 CCI PMS

CM 3

CRN 56-81-5
 CMF C3 H8 O3



RN 49553-76-6 CAPLUS

CN 9-Octadecenoic acid (9Z)-, monoester with oxybis[propanediol] (CA INDEX NAME)

CM 1

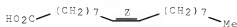
CRN 59113-36-9
 CMF C6 H14 O5
 CCI IDS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 112-80-1
 CMF C18 H34 O2

Double bond geometry as shown.



REFERENCE COUNT: 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L35 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN

Dennis Heyer 10/580,575

ACCESSION NUMBER: 1999:584805 CAPLUS Full-text
 DOCUMENT NUMBER: 131:219019
 TITLE: Cleansing products with improved moisturization
 INVENTOR(S): Wagner, Julie Ann; Hasenoeherl, Erik John; Fowler, Timothy John
 PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
 SOURCE: U.S., 18 pp., Cont.-in-part of U.S. Ser. No. 861,748, abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5951991	A	19990914	US 1997-980096	19971126
ZA 9804257	A	19981123	ZA 1998-4257	19980520
CA 2289608	A1	19981126	CA 1998-2289608	19980520
CA 2289608	C	20070410		
WO 9852538	A1	19981126	WO 1998-IB786	19980520
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
AU 9872274	A	19981211	AU 1998-72274	19980520
AU 740842	B2	20011115		
EP 1011628	A1	20000628	EP 1998-919401	19980520
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI			
JP 2001517241	T	20011002	JP 1998-550179	19980520
CN 1191818	C	20050309	CN 1998-806749	19980520
MX 9910791	A	20000430	MX 1999-10791	19991122
PRIORITY APPLN. INFO.:			US 1997-861748	B2 19970522
			US 1997-980096	A 19971126
			WO 1998-IB786	W 19980520

ED Entered STN: 17 Sep 1999

AB The present invention relates to a substantially dry, disposable, personal cleansing product useful for both cleansing and conditioning the skin or hair. These products are used by the consumer by wetting the dry product with water. The product comprises of a water insol. substrate, a lathering surfactant, and a conditioning emulsion. The invention also encompasses methods for cleansing and conditioning the skin or hair using these products and to methods for manufacturing these products. A surfactant phase was prepared containing Polyquaternium 10, di-Na EDTA, ammonium laureth sulfate, ammonium lauryl sulfate, Na lauroamphoacetate, butylene glycol, Glydant plus, and water. The 2nd conditioning emulsion phase contains sucrose cotton and behenate fatty esters, polyglyceryl-4 isostearate, cetyl dimethicone, hexyl laurate, and glycerol.

IC ICM A61K007-00

ICS A61K007-06; A01N025-34

INCL 424401000

CC 62-4 (Essential Oils and Cosmetics)

IT 50-21-5, biological studies 50-23-7, Hydrocortisone 50-70-4, Sorbitol, biological studies 50-81-7, L-Ascorbic acid, biological studies 56-81-5, 1,2,3-Propanetriol, biological studies 57-13-6, Urea, biological studies 57-50-1D, Sucrose, fatty acid esters 57-55-6,

1,2-Propanediol, biological studies 57-88-5D, Cholesterol, esters 68-26-8, Retinol 69-72-7, biological studies 79-14-1, biological studies 79-81-2, Retinyl palmitate 81-13-0, Panthenol 83-86-3, Phytic acid 94-36-0, Benzoyl peroxide, biological studies 96-26-4, Dihydroxyacetone 98-92-0, Niacinamide 101-20-2, 3,4,4'-Trichlorocarbanilide 107-36-8D, Ethanesulfonic acid, 2-hydroxy-, coco acyl esters, salts 107-41-5, Hexylene glycol 108-46-3, Resorcinol, biological studies 122-99-6, Phenoxyethanol 123-99-9, Nonanedioic acid, biological studies 131-57-7, Oxymethone 137-16-6, Sodium lauroyl sarcosinate 151-21-3, Sodium lauryl sulfate, biological studies 302-79-4, trans-Retinoic acid 616-91-1, N-Acetyl-L-cysteine 693-33-4 770-35-4, Phenoxyisopropanol 1120-01-0, Sodium cetyl sulfate 1337-30-0, Sorbitan laurate 1338-43-8, Sorbitan monooleate 1643-20-5, Lauramine oxide 2235-54-3, Ammonium lauryl sulfate 3380-34-5 3737-57-3 4316-74-9D, Ethanesulfonic acid, 2-(methylamino)-, monosodium salt, N-coco acyl derivs. 4759-48-2 5466-77-3, 2-Ethylhexyl p-methoxycinnamate 7381-01-3, Sodium lauroyl isethionate 8007-43-0, Sorbitan sesquioleate 9002-88-4, Polyethylene 9002-89-5, Polyvinyl alcohol 9003-07-0, Polypropylene 9003-20-7, Polyvinyl acetate 9004-82-4, Sodium laureth sulfate 9004-98-2, Oleth-3 9005-00-9, Steareth-2 9005-65-6, Polysorbate 80 9007-48-1, Polyglycerol oleate 9009-32-9, Polyglycerol stearate 12694-22-3, Diglycerol monostearate 12764-60-2, Decaglycerol distearate 13557-75-0 14350-97-1, Disodium lauroamphodiacetate 15687-27-1, Ibuprofen 16177-21-2D, Sodium glutamate, N-coco acyl derivs. 22204-53-1, Naproxen 25322-68-3 25322-69-4 25496-72-4, Glyceryl oleate 26266-57-9, Sorbitan palmitate 26266-58-0, Sorbitan trioleate 26657-96-5, Glyceryl monopalmitate 26658-19-5, Sorbitan tristearate 26855-43-6, Triglycerol monostearate 27195-16-0, Sucrose distearate 27503-81-7, 2-Phenylbenzimidazole-5-sulfonic acid 28874-51-3 29656-68-6, Ethylhexanediol 29923-31-7 30233-64-8, Glyceryl monobenhenate 30364-51-3, Sodium myristoyl sarcosinate 31566-31-1, Glyceryl monostearate 32612-48-9, Ammonium laureth sulfate 36574-66-0D, N-coco acyl derivs. 37266-93-6, Sucrose laurate 37318-31-3, Sucrose stearate 38517-37-2 39529-26-5, Decaglycerol decastearate 41593-38-8, Phenoxypropanol 42415-69-0 42566-88-1 49553-76-6, Diglycerol monooleate 53240-01-0, Decyl polyglucose 54116-08-4, Sodium trideceth sulfate 54392-26-6, Sorbitan monoisostearate 57828-26-9, Lipic acid 68003-46-3, Ammonium lauroyl sarcosinate 71012-10-7, Tetraglycerol monooleate 71617-69-1, Sorbitan dipalmitate 71902-01-7, Sorbitan isostearate 79777-30-3, Decaglycerol monostearate 83138-62-9, Polyglycerol isostearate 86880-59-3D, N-coco acyl derivs. 94031-23-9, Sucrose trioleate 95461-64-6, Decaglycerol pentastearate 99550-56-8, Polyglycerol tristearate 100895-09-8, Hexadecanoic acid, diester with decaglycerol 115515-88-3, Decaglycerol stearate 120146-98-7, Polyglycerol pentastearate 122703-32-6, Methyl glucose dioleate 138985-20-3, Methyl glucose sesquiosostearate 145686-74-4, Laurylmethicone copolyol 167817-58-5, Lauryl polyglucose

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(cleansing products with improved moisturization)

IT 9007-48-1, Polyglycerol oleate 9009-32-9, Polyglycerol stearate 49553-76-6, Diglycerol monooleate 83138-62-9, Polyglycerol isostearate

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(cleansing products with improved moisturization)

RN 9007-48-1 CAPLUS

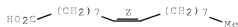
CN 1,2,3-Propanetriol, homopolymer, (9Z)-9-octadecenoate (CA INDEX NAME)

CM 1

CRN 112-80-1

CMF C18 H34 O2

Double bond geometry as shown.



CM 2

CRN 25618-55-7

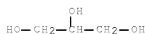
CMF (C3 H8 O3)x

CCI PMS

CM 3

CRN 56-81-5

CMF C3 H8 O3



RN 9009-32-9 CAPLUS

CN 1,2,3-Propanetriol, homopolymer, octadecanoate (CA INDEX NAME)

CM 1

CRN 57-11-4

CMF C18 H36 O2



CM 2

CRN 25618-55-7

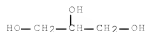
CMF (C3 H8 O3)x

CCI PMS

CM 3

CRN 56-81-5

CMF C3 H8 O3



RN 49553-76-6 CAPLUS
 CN 9-Octadecenoic acid (9Z)-, monoester with oxybis[propanediol] (CA INDEX NAME)

CM 1

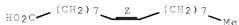
CRN 59113-36-9
 CMF C6 H14 O5
 CCI IDS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 112-80-1
 CMF C18 H34 O2

Double bond geometry as shown.



RN 83138-62-9 CAPLUS
 CN 1,2,3-Propanetriol, homopolymer, isoctadecanoate (CA INDEX NAME)

CM 1

CRN 30399-84-9
 CMF C18 H36 O2
 CCI IDS

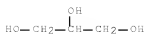


CM 2

CRN 25618-55-7
 CMF (C3 H8 O3)x
 CCI PMS

CM 3

CRN 56-81-5
 CMF C3 H8 O3



REFERENCE COUNT: 72 THERE ARE 72 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L35 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2009 ACS ON STN
 ACCESSION NUMBER: 1997:587115 CAPLUS Full-text
 DOCUMENT NUMBER: 127:283176
 ORIGINAL REFERENCE NO.: 127:55215a
 TITLE: Bath preparations
 INVENTOR(S): Miura, Takao
 PATENT ASSIGNEE(S): Earth Chemical Co., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 15 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	JP 09227357	A	19970902	JP 1996-29711	19960216
PRIORITY APPLN. INFO.:				JP 1996-29711	19960216
OTHER SOURCE(S):	MARPAT 127:283176				
ED	Entered STN: 13 Sep 1997				
AB	Bath preps. comprise: (A) fats and oils or hydrophobic active ingredients and (B) ≤ 1 surfactants having specified structures or having cloud point $\leq 40^\circ$. A bath preparation contained cetyl isooctanoate 8, 2-octyldodecanol 8, liquid paraffin 24, oleic acid 6, phenoxyethanol 1, perfumes 0.5, yellow color number 4 0.2, NaOH (pH adjuster) and purified water to 100 weight%.				
IC	ICM A61K007-50 ICS A61K007-00; A61K007-48				
CC	62-4 (Essential oils and Cosmetics)				
IT	56-86-0D, L-Glutamic acid, N-coco acyl, triethanol amine salt, biological studies 56-86-0D, L-Glutamic acid, N-coco acyl, triethanolamine salt, biological studies 57-10-3, Hexadecanoic acid, biological studies 57-11-4, Octadecanoic acid, biological studies 57-88-5, Cholesterol, biological studies 57-88-5D, Cholesterol, lanolin fatty acid derivs. 60-33-3, 9,12-Octadecadienoic acid (Z,Z)-, biological studies 77-90-7, Acetyltributyl citrate 107-51-7, Octamethyltrisiloxane 111-01-3, Squalane 112-05-0, Nonanoic acid 112-80-1, Oleic acid, biological studies 112-85-6, Docosanoic acid 122-32-7, Glycerin trioleate 143-07-7, Lauric acid, biological studies 143-28-2 302-79-4, Retinoic acid 334-48-5, n-Capric acid 373-49-9, Palmitoleic acid 463-40-1 489-84-9, Guaiazulene 506-26-3, γ -Linolenic acid 506-32-1, Arachidonic acid 538-24-9, Glycerin trilaurate 540-97-6, Dodecamethylcyclohexasiloxane 544-63-8, Myristic acid, biological studies 928-24-5, Ethylene glycol dioleate 1338-43-8, Sorbitan monooleate 1343-98-2D, Silicic acid, trimethylsiloxyl 1783-84-2, Dihomo γ -linolenic acid 2627-35-2 2915-57-3 3397-65-7, N-Lauroyl-L-glutamic acid 5333-42-6, 2-Octyldodecanol 6145-69-3 6217-54-5, Docosahexaenoic acid 6938-94-9, Diisopropyl adipate 7360-38-5, Glyceryl tri-2-ethylhexanoate 7423-32-7, Sodium laurylphosphate 9004-57-3, Ethyl cellulose 9907-46-1, Polyglycerol oleate 10417-94-4, Eicosapentaenoic acid 11042-64-1, γ -Oryzanol 22801-45-2, 2-Octyldodecyl oleate 27458-93-1, Isostearyl alcohol 28802-61-1, Guaiazulene sulfonic acid 29923-31-7 30399-84-9D, Isostearic acid, condensation products with polypeptides 31335-74-7, Neopentyl glycol dioctanoate 31566-31-1, Glycerol monostearate 34316-64-8, Hexyl laurate 36144-57-7, Sodium oleylphosphate 38079-62-8, Disodium stearoyl-L-glutamate				

Dennis Heyer 10/580,575

49553-76-6, DiGlycerol monooleate 51192-09-7 53824-77-4,
 Propylene glycol dicaprate 56827-95-3, Tripalmityl phosphate
 57568-20-4, 2-Octyldodecyl lactate 59130-69-7, Cetyl 2-ethylhexanoate
 61725-89-1 61827-84-7 62125-22-8, Pentaerythritol tetraistearate
 62306-33-6, Octamethylcyclopentasiloxane 67965-56-4, DiGlycerol dioleate
 68171-33-5, Isopropyl isostearate 68541-50-4, Trimethylolpropane
 triisostearate 72576-80-8, Isostearyl palmitate 72642-92-3
 77035-99-5, Hexadecene-Vinyl pyrrolidone copolymer 77553-62-9
 82204-94-2 86846-21-1, Polyoxyethylene glycerol triisostearate
 89353-55-9 93682-38-3 127770-27-8, Isocetyl palmitate
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)

(bath prepn.)

IT 9007-48-1, Polyglycerol oleate 49553-76-6, DiGlycerol
 monooleate
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)

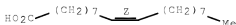
(bath prepn.)

RN 9007-48-1 CAPLUS
 CN 1,2,3-Propanetriol, homopolymer, (9Z)-9-octadecenoate (CA INDEX NAME)

CM 1

CRN 112-80-1
 CMF C18 H34 O2

Double bond geometry as shown.

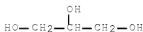


CM 2

CRN 25618-55-7
 CMF (C3 H8 O3)x
 CCI PMS

CM 3

CRN 56-81-5
 CMF C3 H8 O3



RN 49553-76-6 CAPLUS
 CN 9-Octadecenoic acid (9Z)-, monoester with oxybis[propanediol] (CA INDEX NAME)

CM 1

CRN 59113-36-9
 CMF C6 H14 O5
 CCI IDS, MAN

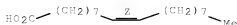
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 112-80-1

CMF C18 H34 O2

Double bond geometry as shown.



L35 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1997:240526 CAPLUS Full-text

DOCUMENT NUMBER: 126:224529

ORIGINAL REFERENCE NO.: 126:43423a,43426a

TITLE: A fatty acid esters composition of a polyglycerin, a process for the preparation thereof, a process for the preparation of a highly-purified fatty esters composition of a polyglycerin, a highly-purified fatty esters composition of a polyglycerin, an additive for food-stuffs, a resin composition, and a composition for cosmetics or detergents

PATENT ASSIGNEE(S): Japan

SOURCE: Eur. Pat. Appl., 96 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 758641 A1		19970219	EP 1996-400562	19960318
R: DE, FR, GB				
PRIORITY APPLN. INFO.:			JP 1995-227073	19950811
			JP 1995-233180	19950821
			JP 1995-344844	19951206
			JP 1996-6743	19960118
			JP 1996-8372	19960122
			JP 1996-8373	19960122
			JP 1996-10831	19960125
			JP 1996-10832	19960125
			JP 1996-16343	19960201
			JP 1996-16344	19960201
			JP 1996-16345	19960201
			JP 1996-18579	19960205
			JP 1996-18580	19960205
			JP 1996-18581	19960205
			JP 1996-22642	19960208
			JP 1996-22643	19960208
			JP 1996-22644	19960208
			JP 1996-22645	19960208

ED Entered STN: 14 Apr 1997

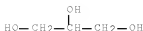
AB Disclosed are a fatty acid ester composition of a polyglycerin containing more than 70% of fatty acid monoester which is defined by a specified anal. method, a process for the preparation thereof, a process for the preparation of a

highly-purified fatty acid ester composition of a polyglycerin, and a highly-purified fatty acid composition of a polyglycerin having an oxirane oxygen concentration of below 100 ppm which is defined by a specified anal. method. The fatty acid esters of a polyglycerin are useful as additives for a variety of food-stuffs, additives for a variety of thermoplastic resins, and as additives for a variety of cosmetics or detergents.

IC ICM C07C069-33
ICS C07C067-26; A61K007-00; C08K005-103; C11D001-66; A23L001-03
CC 17-9 (Food and Feed Chemistry)
Section cross-reference(s): 62
IT 115-77-5DP, fatty acid ester derivs 9009-32-9P, Polyglycerol stearate 25618-55-7DP, Polyglycerin, fatty acid esters 34406-66-1P, Decaglycerol monolaurate 74504-64-6P, Polyglycerol laurate 75719-57-2P, Octaglycerin monostearate 163633-72-5P
RL: FFD (Food or feed use); MOA (Modifier or additive use); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(comps. of fatty acid esters of polyglycerins)
IT 7360-38-5 34406-66-1, Sunsoft Q 12S 49553-76-6 51033-38-6, SY-Glyster ML 500 54392-26-6, Sorbitan monoisostearate 71012-10-7, SY-Glyster MO 310 75798-42-4, SY-Glyster ML 310 79665-93-3, SY-Glyster MO 750 95461-65-7, SY-Glyster MS 500 125622-15-3, Poem J 0021 149175-65-5, Poem J 6021 188132-58-3, Unigly GO 106
RL: FFD (Food or feed use); MOA (Modifier or additive use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(comps. of fatty acid esters of polyglycerins)
IT 9009-32-9P, Polyglycerol stearate
RL: FFD (Food or feed use); MOA (Modifier or additive use); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(comps. of fatty acid esters of polyglycerins)
RN 9009-32-9 CAPLUS
CN 1,2,3-Propanetriol, homopolymer, octadecanoate (CA INDEX NAME)
CM 1
CRN 57-11-4
CMF C18 H36 O2



CM 2
CRN 25618-55-7
CMF (C3 H8 O3)x
CCI PMS
CM 3
CRN 56-81-5
CMF C3 H8 O3

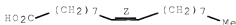


IT 49553-76-6
 RL: FFD (Food or feed use); MOA (Modifier or additive use); THU
 (Therapeutic use); BIOL (Biological study); USES (Uses)
 (comps. of fatty acid esters of polyglycerins)
 RN 49553-76-6 CAPLUS
 CN 9-Octadecenoic acid (9Z)-, monoester with oxybis[propanediol] (CA INDEX
 NAME)
 CM 1
 CRN 59113-36-9
 CMF C6 H14 O5
 CCI IDS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2
 CRN 112-80-1
 CMF C18 H34 O2

Double bond geometry as shown.



L35 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1993:562075 CAPLUS Full-text
 DOCUMENT NUMBER: 119:162075
 ORIGINAL REFERENCE NO.: 119:29045a, 29048a
 TITLE: Vinyl chloride polymer compositions with improved
 processability
 INVENTOR(S): Takatori, Katsuyuki; Shiichi, Ichiro; Ishizuka,
 Hidehiro
 PATENT ASSIGNEE(S): Asahi Denka Kogyo KK, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 05059242	A	19930309	JP 1991-224398	19910904
PRIORITY APPLN. INFO.:			JP 1991-224398	19910904

ED Entered STN: 16 Oct 1993

AB The title comps. with good heat resistance, transparency, and initial color, useful for food packaging stretch film, contain vinyl chloride polymers 100, polyester plasticizers 10-60, nonionic surfactants 0.1-10, and alkyl (meth)acrylate polymers with ≤50 number-average d.p. 0.05-10 parts. Thus, Geon 103EP 100, polyester plasticizer (prepared from adipic acid, 1,3-butanediol, myristic acid, and palmitic acid, mol. weight 2100, acid value 0.2, OH-value 15) 40, epoxidized soybean oil 8, Ca oleate 0.1, Zn ricinoleate 0.1, Zn octylate 0.1, sorbitan monolaurate 2.0, tris(nonylphenyl) phosphite

Dennis Heyer 10/580,575

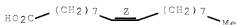
0.5, and 2-ethylhexyl acrylate-cymene telomer dioctyltin salt (d.p. 11.8) 0.3 part were roll kneaded with low roll-staining and good roll-releasability. Then, the composition was pressed at 160° and 150 kg/cm² for 5 min to obtain a sheet showing good transparency and initial coloring property.

IC ICM C08L027-06
ICS C08K005-04; C08L027-06
ICI C08L027-06, C08L067-02, C08L033-06
CC 38-3 (Plastics Fabrication and Uses)
IT 9007-48-1, Polyglycerol monooleate
RL: USES (Uses)
(oligomeric, surfactants, PVC blend packaging films containing)
IT 1338-39-2, Sorbitan monolaurate 25322-68-3D, laurylalkoxy derivs.
49553-76-6, Diglycerol monooleate
RL: USES (Uses)
(surfactants, PVC blend packaging films containing)
IT 9007-48-1, Polyglycerol monooleate
RL: USES (Uses)
(oligomeric, surfactants, PVC blend packaging films containing)
RN 9007-48-1 CAPLUS
CN 1,2,3-Propanetriol, homopolymer, (9Z)-9-octadecenoate (CA INDEX NAME)

CM 1

CRN 112-80-1
CMF C18 H34 O2

Double bond geometry as shown.

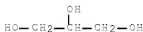


CM 2

CRN 25618-55-7
CMF (C3 H8 O3)x
CCI PMS

CM 3

CRN 56-81-5
CMF C3 H8 O3



IT 49553-76-6, Diglycerol monooleate
RL: USES (Uses)
(surfactants, PVC blend packaging films containing)
RN 49553-76-6 CAPLUS
CN 9-Octadecenoic acid (9Z)-, monoester with oxybis[propanediol] (CA INDEX NAME)

CM 1

CRN 59113-36-9
 CMF C6 H14 O5
 CCI IDS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 112-80-1
 CMF C18 H34 O2

Double bond geometry as shown.



L36 ANSWER 1 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2008:1454475 CAPLUS Full-text
 DOCUMENT NUMBER: 150:4860
 TITLE: Oil-in-water emulsion and its use for the
 delayed release of active elements
 INVENTOR(S): Phan, Van Anh; Godinot, Nicolas; Sagalowicz, Laurent;
 Leser, Martin; Robert, Fabien
 PATENT ASSIGNEE(S): Nestec S.A., Switz.
 SOURCE: PCT Int. Appl., 47pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008145744	A1	20081204	WO 2008-EP56717	20080530
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RM:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
WO 2008145183	A1	20081204	WO 2007-EP55240	20070530
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR,			

TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,
 GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
 BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.:

WO 2007-EP55240

A 20070530

ED Entered STN: 04 Dec 2008

- AB An oil-in-water emulsion used for delayed release of active elements (e.g., flavors, vitamins, antioxidants, etc.) is structured so that the interior of oil droplets exhibit interfaces, between lipophilic domains and hydrophilic or amphiphilic domains, due to the presence of a lipophilic additive solubilized inside the oil droplets and which is used for delayed release of the active elements. The release of at least one active element (octanol/water partitioning coefficient logP higher than -1) corresponds to a higher Tmax (time to reach maximum concentration) than the Tmax obtained for the simple reference oil-in-water emulsion where no lipophilic additive is used. Thus, an emulsion may be formed by dispersing 0.407% Epikuron 200 (phospholipid), 0.613% diglycerides, 0.0999% Tween 80, and 98.881% water, the oil droplets containing phospholipids, diglycerides, and Tween 80 being structured by the phospholipids.
- CC 17-4 (Food and Feed Chemistry)
 Section cross-reference(s): 62, 63
- ST emulsion flavor vitamin antioxidant glyceride delayed release
- IT Fatty acids, biological studies
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (PEGylated; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Surfactants
 (amphiphilic, Gemini; oil-in-water emulsions for delayed
 release of flavors, nutrients, or other active components)
- IT Fats and Glyceridic oils, biological studies
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (arachidonic-rich; oil-in-water emulsions for delayed release
 of flavors, nutrients, or other active components)
- IT Polymers, biological studies
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (block; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Micelles
 (casein; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Glycerophospholipids
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (cephalins; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Polymers, biological studies
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (co-, random; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Sterols
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (esters, phyto-; oil-in-water emulsions for delayed release
 of flavors, nutrients, or other active components)

- IT Monoglycerides
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (esters, with diacetyltartaric acid; oil-in-water emulsions
 for delayed release of flavors, nutrients, or other active components)
- IT Diglycerides
 Monoglycerides
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (esters, with lactic acid; oil-in-water emulsions for delayed
 release of flavors, nutrients, or other active components)
- IT Plantae
 Plants
 (exts.; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Vitamins
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (fat-soluble; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Fats and Glyceridic oils, biological studies
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (fish; oil-in-water emulsions for delayed release of flavors,
 nutrients, or other active components)
- IT Glycosides
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (flavanone; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Glycosides
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (flavonoid; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Tannins
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (gallotannins; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Flavones
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (hydroxy; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Flavones
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (isoflavone glycosides; oil-in-water emulsions for delayed
 release of flavors, nutrients, or other active components)
- IT Glycosides
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (isoflavone; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Flavones
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (isoflavones; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)

- IT Alcohols, biological studies
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (long-chain; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Glycerides, biological studies
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (medium-chain; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Caseins, biological studies
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (metal complexes; oil-in-water emulsions for delayed release
 of flavors, nutrients, or other active components)
- IT Proteins
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (milk; oil-in-water emulsions for delayed release of flavors,
 nutrients, or other active components)
- IT Essential oils
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (mint, Mentha; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Lipids, biological studies
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (oat; oil-in-water emulsions for delayed release of flavors,
 nutrients, or other active components)
- IT Agrochemicals
 Antioxidants
 Cosmetic emulsions
 Dietary supplements
 Emulsification
 Eubacteria
 Flavor
 Flavoring materials
 Food additives
 Food emulsions
 Hydrophile-lipophile balance value
 Microparticles
 Nanoparticles
 Nutrients
 Odor and Odorous substances
 Pharmaceutical emulsions
 Phytochemicals
 Polyelectrolytes
 Portulaca oleracea
 Powders
 Surfactants
 (oil-in-water emulsions for delayed release of flavors,
 nutrients, or other active components)
- IT Albumins, biological studies
 Alcohols, biological studies
 Amino acids, biological studies
 Apoproteins
 Biopolymers
 Carbohydrates, biological studies
 Carotenes, biological studies

Caseins, biological studies
 Cerebrosides
 DNA
 Diglycerides
 Enzymes, biological studies
 Essential oils
 Esters, biological studies
 Fatty acids, biological studies
 Flavanols
 Gangliosides
 Gelatins, biological studies
 Glycerides, biological studies
 Glycerophospholipids
 Glycolipids
 Glycoproteins
 Hormones, animal, biological studies
 Hydrocarbon oils
 Lecithins
 Linseed oil
 Lipids, biological studies
 Monoglycerides
 Nucleic acids
 Paraffin oils
 Peptides, biological studies
 Phospholipids, biological studies
 Polyoxalkylenes, biological studies
 Polysaccharides, biological studies
 Proanthocyanidins
 Protein hydrolyzates
 Proteins
 Salts, biological studies
 Soybean oil
 Sterols
 Sulfates, biological studies
 Sulfatides
 Terpenes, biological studies
 Vitamins
 Waxes

RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (oil-in-water emulsions for delayed release of flavors,
 nutrients, or other active components)

IT Emulsions
 (oil-in-water; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)

IT Flavonoids
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (oxo dihydro; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)

IT Glycosides
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (phenolic; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)

IT Sterols
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (phytosterols; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)

- IT Amphiphiles
(plant lipids; oil-in-water emulsions for delayed release of
flavors, nutrients, or other active components)
- IT Alcohols, biological studies
RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
BIOL (Biological study); USES (Uses)
(polyhydric; oil-in-water emulsions for delayed release of
flavors, nutrients, or other active components)
- IT Phenols, biological studies
RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
BIOL (Biological study); USES (Uses)
(polyphenols, nonpolymeric; oil-in-water emulsions for
delayed release of flavors, nutrients, or other active components)
- IT Fatty acids, biological studies
RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
BIOL (Biological study); USES (Uses)
(polyunsatd., α - and γ -; oil-in-water emulsions
for delayed release of flavors, nutrients, or other active components)
- IT Fats and Glyceridic oils, biological studies
RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
BIOL (Biological study); USES (Uses)
(polyunsatd., ω -3 and ω -6; oil-in-water emulsions
for delayed release of flavors, nutrients, or other active components)
- IT Caseins, biological studies
RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
BIOL (Biological study); USES (Uses)
(sodium complexes; oil-in-water emulsions for delayed release
of flavors, nutrients, or other active components)
- IT Lecithins
RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
BIOL (Biological study); USES (Uses)
(soya; oil-in-water emulsions for delayed release of flavors,
nutrients, or other active components)
- IT Proteins
RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
BIOL (Biological study); USES (Uses)
(soybean; oil-in-water emulsions for delayed release of
flavors, nutrients, or other active components)
- IT Carbohydrates, biological studies
RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
BIOL (Biological study); USES (Uses)
(sugar esters; oil-in-water emulsions for delayed release of
flavors, nutrients, or other active components)
- IT Carbohydrates, biological studies
RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
BIOL (Biological study); USES (Uses)
(sugar ethers; oil-in-water emulsions for delayed release of
flavors, nutrients, or other active components)
- IT Hydrocolloids
(surface-active; oil-in-water emulsions for delayed release
of flavors, nutrients, or other active components)
- IT Fats and Glyceridic oils, biological studies
RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
BIOL (Biological study); USES (Uses)
(vegetable, PEGylated; oil-in-water emulsions for delayed
release of flavors, nutrients, or other active components)
- IT Fats and Glyceridic oils, biological studies
RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
BIOL (Biological study); USES (Uses)
(vegetable; oil-in-water emulsions for delayed release of

- flavors, nutrients, or other active components)
- IT Proteins
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (whey; oil-in-water emulsions for delayed release of flavors,
 nutrients, or other active components)
- IT 106392-12-5
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (Poloxamer; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT 50-70-4D, D-Glucitol, fatty acid esters 50-81-7,
 L-Ascorbic acid, biological studies 57-10-3, Hexadecanoic acid,
 biological studies 57-11-4, Octadecanoic acid, biological studies
 57-50-1D, esters 57-55-6D, 1,2-Propanediol, fatty acid
 esters 57-88-5, Cholest-5-en-3-ol (3 β)-, biological studies
 58-08-2, biological studies 58-95-7 59-02-9 68-19-9, Vitamin B12
 89-78-1 110-27-0 111-03-5 111-62-6 112-80-1, 9-Octadecenoic acid
 (9Z)-, biological studies 115-83-3 127-40-2 127-40-2D, esters
 142-91-6 143-07-7, Dodecanoic acid, biological studies 144-68-3
 303-98-0 502-65-8, ψ , ψ -Carotene 506-32-1 520-26-3 544-35-4
 544-63-8, Tetradecanoic acid, biological studies 989-51-5 1200-22-2
 1338-39-2 1338-41-6 1338-43-8 1406-16-2, Vitamin D 6217-54-5
 6829-55-6 7235-40-7, β , β -Carotene 8007-43-0 9000-01-5, Gum
 arabic 9000-07-1, Carrageenan 9000-65-1, Gum tragacanth 9000-69-5,
 Pectin 9001-63-2, Lysozyme 9002-92-0 9004-32-4 9004-34-6D,
 Cellulose, derivs. 9004-61-9, Hyaluronic acid 9004-95-9 9004-96-0
 9004-98-2 9004-99-3 9005-00-9 9005-02-1 9005-07-6 9005-08-7
 9005-25-8, Starch, biological studies 9005-25-8D, Starch, derivs.
 9005-37-2 9005-63-4D, esters 9005-65-6, Tween 80 9005-82-7, Amylose
 9009-32-9 9011-29-4 9012-76-4, Chitosan 9037-22-3,
 Amylopectin 10332-32-8 10417-94-4 11078-30-1, D-Galacto-D-mannan
 11103-57-4, Vitamin A 11138-66-2, Xanthan gum 12441-09-7D, Sorbitan,
 esters 13081-97-5 22882-95-7 25322-68-3D, fatty
 acid esters 25618-55-7D, esters 25637-97-2 26266-57-9
 26266-58-0 26658-19-5 26855-43-6 27195-16-0 43126-81-4
 51938-44-4 54392-26-6 60550-73-4 61725-93-7 64296-33-9
 68818-37-1 69070-98-0 71010-52-1, Gellan gum 83138-62-9
 110540-43-7 146478-45-7 354575-58-9 403821-12-5
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic
 use); BIOL (Biological study); USES (Uses)
 (oil-in-water emulsions for delayed release of flavors,
 nutrients, or other active components)
- IT 75-07-0, Acetaldehyde, biological studies 78-70-6 100-52-7,
 Benzaldehyde, biological studies 108-64-5 124-13-0, Octanal
 431-03-8, 2,3-Butanedione 928-96-1 6728-26-3 24683-00-9
 RL: FFD (Food or feed use); BIOL (Biological study); USES (Uses)
 (oil-in-water emulsions for delayed release of flavors,
 nutrients, or other active components)

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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TITLE: Oil-in-water emulsion and its use for the

delayed release of active elements

INVENTOR(S): Phan, Van Anh; Godinot, Nicolas; Sagalowicz, Laurent;
 Leser, Martin; Robert, Fabien

PATENT ASSIGNEE(S): Nestec S.A., Switz.
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WO 2008145183	A1	20081204	WO 2007-EP55240	20070530
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
WO 2008145744	A1	20081204	WO 2008-EP56717	20080530
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRIORITY APPLN. INFO.:

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WO 2007-EP55240

A 20070530

AB An oil-in-water emulsion used for delayed release of active elements (e.g., flavors, vitamins, antioxidants, etc.) is structured so that the interior of oil droplets exhibit interfaces, between lipophilic domains and hydrophilic or amphiphilic domains, due to the presence of a lipophilic additive solubilized inside the oil droplets and which is used for delayed release of the active elements. The release of at least one active element (octanol/water partitioning coefficient logP higher than -1) corresponds to a higher Tmax (time to reach maximum concentration) than the Tmax obtained for the simple reference oil-in-water emulsion where no lipophilic additive is used. Thus, an emulsion may be formed by dispersing an oil mixture of an unsatd. monoglyceride (Dimodan M090) as a lipophilic additive with medium-chain triglyceride oil (ratio 1:20) in sodium caseinate solution

CC 17-4 (Food and Feed Chemistry)

Section cross-reference(s): 62, 63

ST emulsion flavor vitamin antioxidant glyceride delayed release

IT Fatty acids, biological studies

RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);

BIOL (Biological study); USES (Uses)

(PEGylated; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)

IT Surfactants

(amphiphilic, Gemini; oil-in-water emulsions for delayed

- release of flavors, nutrients, or other active components)
- IT Fats and Glyceridic oils, biological studies
 - RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 - BIOL (Biological study); USES (Uses)
 - (arachidonic-rich; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Polymers, biological studies
 - RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 - BIOL (Biological study); USES (Uses)
 - (block; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Micelles
 - (casein; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Glycerophospholipids
 - RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 - BIOL (Biological study); USES (Uses)
 - (cephalins; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Polymers, biological studies
 - RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 - BIOL (Biological study); USES (Uses)
 - (co-, random; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Sterols
 - RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 - BIOL (Biological study); USES (Uses)
 - (esters, phyto-; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Monoglycerides
 - RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 - BIOL (Biological study); USES (Uses)
 - (esters, with diacetyltartaric acid; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Diglycerides
 - Monoglycerides
 - RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 - BIOL (Biological study); USES (Uses)
 - (esters, with lactic acid; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Plantae
 - Plants
 - (exts.; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Vitamins
 - RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 - BIOL (Biological study); USES (Uses)
 - (fat-soluble; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Fats and Glyceridic oils, biological studies
 - RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 - BIOL (Biological study); USES (Uses)
 - (fish; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Glycosides
 - RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 - BIOL (Biological study); USES (Uses)
 - (flavanone; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Glycosides

- RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (flavonoid; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Tannins
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (gallotannins; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Flavones
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (hydroxy; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Flavones
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (isoflavone glycosides; oil-in-water emulsions for delayed
 release of flavors, nutrients, or other active components)
- IT Glycosides
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (isoflavone; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Flavones
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (isoflavones; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Alcohols, biological studies
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (long-chain; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Glycerides, biological studies
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (medium-chain; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Caseins, biological studies
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (metal complexes; oil-in-water emulsions for delayed release
 of flavors, nutrients, or other active components)
- IT Proteins
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (milk; oil-in-water emulsions for delayed release of flavors,
 nutrients, or other active components)
- IT Essential oils
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (mint, Mentha; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Lipids, biological studies
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (oat; oil-in-water emulsions for delayed release of flavors,
 nutrients, or other active components)
- IT Agrochemicals

- Antioxidants
- Cosmetic emulsions
- Dietary supplements
 - Emulsification
- Eubacteria
- Flavor
- Flavoring materials
- Food additives
- Food emulsions
- Hydrophile-lipophile balance value
- Microparticles
- Nanoparticles
- Nutrients
- Odor and Odorous substances
- Pharmaceutical emulsions
- Phytochemicals
- Polyelectrolytes
- Portulaca oleracea
- Powders
- Surfactants
 - (oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)

IT

- Albumins, biological studies
- Alcohols, biological studies
- Amino acids, biological studies
- Apoproteins
- Biopolymers
- Carbohydrates, biological studies
- Carotenes, biological studies
- Caseins, biological studies
- Cerebrosides
- DNA
- Diglycerides
- Enzymes, biological studies
- Essential oils
- Esters, biological studies
 - Fatty acids, biological studies
- Flavanols
- Gangliosides
- Gelatins, biological studies
- Glycerides, biological studies
- Glycerophospholipids
- Glycolipids
- Glycoproteins
- Hormones, animal, biological studies
- Hydrocarbon oils
- Lecithins
- Linseed oil
- Lipids, biological studies
- Monoglycerides
- Nucleic acids
- Paraffin oils
- Peptides, biological studies
- Phospholipids, biological studies
- Polyoxyalkylenes, biological studies
- Polysaccharides, biological studies
- Proanthocyanidins
- Protein hydrolyzates
- Proteins
- Salts, biological studies

- Sterols
- Sulfates, biological studies
- Sulfatides
- Terpenes, biological studies
- Vitamins
- Waxes
- RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
- BIOL (Biological study); USES (Uses)
- (oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Emulsions
- (oil-in-water; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Flavonoids
- RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
- BIOL (Biological study); USES (Uses)
- (oxo dihydro; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Glycosides
- RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
- BIOL (Biological study); USES (Uses)
- (phenolic; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Sterols
- RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
- BIOL (Biological study); USES (Uses)
- (phytosterols; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Amphiphiles
- (plant lipids; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Alcohols, biological studies
- RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
- BIOL (Biological study); USES (Uses)
- (polyhydric; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Phenols, biological studies
- RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
- BIOL (Biological study); USES (Uses)
- (polyphenols, nonpolymeric; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Fatty acids, biological studies
- RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
- BIOL (Biological study); USES (Uses)
- (polyunsatd., α - and γ -; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Fats and Glyceridic oils, biological studies
- RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
- BIOL (Biological study); USES (Uses)
- (polyunsatd., ω -3 and ω -6; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Caseins, biological studies
- RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
- BIOL (Biological study); USES (Uses)
- (sodium complexes; oil-in-water emulsions for delayed release of flavors, nutrients, or other active components)
- IT Proteins
- RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
- BIOL (Biological study); USES (Uses)
- (soybean; oil-in-water emulsions for delayed release of

- flavors, nutrients, or other active components)
- IT Carbohydrates, biological studies
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (sugar esters; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Carbohydrates, biological studies
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (sugar ethers; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Hydrocolloids
 (surface-active; oil-in-water emulsions for delayed release
 of flavors, nutrients, or other active components)
- IT Fats and Glyceridic oils, biological studies
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (vegetable, PEGylated; oil-in-water emulsions for delayed
 release of flavors, nutrients, or other active components)
- IT Fats and Glyceridic oils, biological studies
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (vegetable; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT Proteins
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (whey; oil-in-water emulsions for delayed release of flavors,
 nutrients, or other active components)
- IT 106392-12-5
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic use);
 BIOL (Biological study); USES (Uses)
 (Poloxamer; oil-in-water emulsions for delayed release of
 flavors, nutrients, or other active components)
- IT 50-70-4D, Sorbitol, fatty acid esters 50-81-7,
 Vitamin C, biological studies 57-10-3, Palmitic acid, biological studies
 57-11-4, Stearic acid, biological studies 57-50-1D, Sucrose, esters
 57-55-6D, Propylene glycol, fatty acid esters
 57-88-5, Cholesterol, biological studies 58-08-2, Caffeine, biological
 studies 58-95-7, Tocopherol acetate 59-02-9 68-19-9, Vitamin B12
 89-78-1, Menthol 110-27-0, Isopropyl myristate 111-03-5, Dimodan MO90
 111-62-6, Ethyl oleate 112-80-1, Oleic acid, biological studies
 115-83-3, Pentaerythrityl tetrastearate 127-40-2, Lutein 127-40-2D,
 Lutein, esters 142-91-6, Isopropyl palmitate 143-07-7, Lauric acid,
 biological studies 144-68-3, Zeaxanthin 303-98-0, CoQ10 502-65-8,
 Lycopene 506-32-1, Arachidonic acid 520-26-3, Hesperidin 544-35-4,
 Ethyl linoleate 544-63-8, Myristic acid, biological studies 989-51-5,
 Epigallocatechin gallate 1200-22-2, Lipic acid 1338-39-2, Sorbitan
 monolaurate 1338-41-6, Sorbitan monostearate 1338-43-8, Sorbitan
 monooleate 1406-16-2, Vitamin D 6217-54-5, Docosahexaenoic acid
 6829-55-6, Tocotrienol 7235-40-7, β -Carotene 8007-43-0, Sorbitan
 sesquiolate 9000-01-5, Gum arabic 9000-07-1, Carrageenan 9000-65-1,
 Gum tragacanth 9000-69-5, Pectin 9001-63-2, Lysozyme 9002-92-0
 9004-32-4 9004-34-6D, Cellulose, derivs. 9004-61-9, Hyaluronic acid
 9004-95-9 9004-96-0, PEG oleate 9004-98-2 9004-99-3 9005-00-9
 9005-02-1 9005-07-6 9005-08-7 9005-25-8, Starch, biological studies
 9005-25-8D, Starch, derivs. 9005-37-2, Propylene glycol alginate
 9005-63-4D, Polyoxyethylene sorbitan, esters 9005-82-7, Amylose
 9009-32-9, Polyglyceryl stearate 9011-29-4, PEG sorbitan
 hexastearate 9012-76-4, Chitosan 9037-22-3, Amylopectin 10332-32-8

10417-94-4, Eicosapentaenoic acid 11078-30-1, Galactomannan
 11103-57-4, Vitamin A 11138-66-2, Xanthan gum 12441-09-7D, Sorbitan,
 esters 13081-97-5, Pentaerythrityl distearate 22882-95-7, Isopropyl
 linoleate 25322-68-3D, Polyethylene glycol, fatty acid
 esters 25618-55-7D, Polyglycerol, esters 25637-97-2, Sucrose
 dipalmitate 26266-57-9, Sorbitan monopalmitate 26266-58-0, Sorbitan
 trioleate 26658-19-5, Sorbitan tristearate 26855-43-6 27195-16-0,
 Sucrose distearate 43126-81-4 51938-44-4, Sorbitan sesquisteate
 54392-26-6, Sorbitan monoisostearate 60550-73-4 61725-93-7,
 Polyglyceryl distearate 64296-33-9, Vitamin C palmitate 68818-37-1
 69070-98-0, PEG sorbitan tetraoleate 71010-52-1, Gellan gum
 83138-62-9, Polyglyceryl isostearate 110540-43-7, Polyglyceryl
 pentaoleate 146478-45-7, Polyglyceryl dioleate 354575-58-9, PEG
 sorbitan tetrastearate 403821-12-5, Polyglyceryl trioleate
 RL: COS (Cosmetic use); FFD (Food or feed use); THU (Therapeutic
 use); BIOL (Biological study); USES (Uses)

(oil-in-water emulsions for delayed release of flavors,
 nutrients, or other active components)

IT 75-07-0, Acetaldehyde, biological studies 78-70-6, Linalool 100-52-7,
 Benzaldehyde, biological studies 108-64-5, Ethyl isovalerate 124-13-0,
 Octanal 431-03-8, Diacetyl 928-96-1, cis-3-Hexen-1-ol 6728-26-3
 24683-00-9, 3-Methoxy-2-isobutylpyrazine

RL: FFD (Food or feed use); BIOL (Biological study); USES (Uses)

(oil-in-water emulsions for delayed release of flavors,
 nutrients, or other active components)

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 3 OF 35 CAPLUS COPYRIGHT 2009 ACS ON STN

ACCESSION NUMBER: 2008:1360726 CAPLUS [Full-text](#)

DOCUMENT NUMBER: 149:540957

TITLE: Fully extended color bulk powder and bulk dispersion
 for cosmetics and pharmaceuticals

INVENTOR(S): Kishida, Shigeru; Kawasaki, Yoshiaki; Lepage, Mark
 George; Weaver, Lafrancia Shree

PATENT ASSIGNEE(S): US Cosmetics Corporation, USA

SOURCE: PCT Int. Appl., 56pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008137175	A2	20081113	WO 2008-US5864	20080506
WO 2008137175	A3	20090108		
W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				
US 20080299158	A1	20081204	US 2008-115901	20080506

PRIORITY APPLN. INFO.: US 2007-928146P P 20070507

ED Entered STN: 13 Nov 2008

AB The invention provides, among other things, fully and partially extended color bulk powders and partially and fully extended color bulk dispersions. Invention fully and partially extended color powders and fully and partially extended color dispersions can be used in cosmetic and makeup products, personal care products, and pharmaceutical products. Hydrophobically modified powders with fully extended color/shade, and bulk dispersion of hydrophobically modified powders are described. Surface treatment agents such as salts of fatty or acylamino acids, polyvalent metals, and oils are used resulting in oil coated or non-oil coated, surface-modified powders.

CC 62-4 (Essential Oils and Cosmetics)
Section cross-reference(s): 63

IT Fatty acids, biological studies
RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(esters; fully extended color bulk powder and bulk dispersion for cosmetics and pharmaceuticals)

IT Cosmetic powders
Disperse systems
Emulsifying agents
Pearlescent pigments
Pharmaceutical powders
Pigments, nonbiological
(fully extended color bulk powder and bulk dispersion for cosmetics and pharmaceuticals)

IT 58-95-7, Tocopherol acetate 68-26-8, Retinol 111-01-3, Squalane 302-79-4, Retinoic acid 661-19-8, Behenyl alcohol 1406-18-4, Vitamin E 2197-63-9, Dicapryl phosphate 4468-02-4, Zinc gluconate 5466-77-3, Octyl methoxycinnamate 9004-99-3, Polyoxyethylene stearate 9016-00-6, Dimethylpolysiloxane 11099-07-3, Glyceryl stearate 29710-31-4, Cetyl octanoate 30399-84-9, Isostearic acid 31807-55-3, Isododecane 31900-57-9, Silanediol, dimethyl-, homopolymer 36653-82-4, Hexadecanol 38079-62-8, Disodium stearyl glutamate 42131-25-9, Isononyl isononanoate 50643-20-4 58958-60-4, Isostearyl neopentanoate 83138-62-9, Polyglyceryl isostearate 112385-09-8, Diisostearyl maleate 137728-20-2 137728-30-4 137728-32-6 145686-34-6, Cetyl dimethicone copolyol 1078712-49-8
RL: COS (Cosmetic use); MOA (Modifier or additive use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(fully extended color bulk powder and bulk dispersion for cosmetics and pharmaceuticals)

L36 ANSWER 4 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:966689 CAPLUS Full-text

DOCUMENT NUMBER: 149:362247

TITLE: Multifunctional physiologically active synergistic composition for talasotherapy or aromatherapy comprising sea water, lye, mineral salts, stimulating essential oils, plant extracts or vitamins

INVENTOR(S): Tepavicharova, Stefka; Yonchev, Lyudmil; Balarev, Hristo

PATENT ASSIGNEE(S): Bulg.

SOURCE: Bulg. Pat. Appl., 18pp.
CODEN: BGXXAZ

DOCUMENT TYPE: Patent

LANGUAGE: Bulgarian

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

Dennis Heyer 10/580,575

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
BG 109725	A	20080530	BG 2006-109725	20061107
PRIORITY APPLN. INFO.:				
ED Entered STN: 12 Aug 2008				
AB The multifunctional physiolo. active composition is applicable in the production of cosmetic, pharmaceutical and medicinal products for human or animal talasotherapy or aromatherapy. The products are with a consistency of soins., emulsions, gels, suspensions and salts to be used depending on the specific purpose as well as to be added to other cosmetic or pharmaceutical products. The multifunctional physiolo. active composition is based on natural raw materials and comprises: (i) mineral active component: Black Sea water, Black Sea lye or Black Sea mineral salts; and/or (ii) stimulating active component (one or several): natural essential oils, plant exts. or vitamins; and/or (iii) inactive components (one or several of the recited ones). This composition conditions the exhibition of synergism of the mineral substances and essential oils, plant exts. or vitamins, and has an unexpectedly high biol. activity. It dets. the availability of: (i) cosmetic effect of the products expressed in a softening, hydrating, refreshing, emollient, cleansing and skin-beautifying action, anticellulite effect, etc.; (ii) healing effect of the pharmaceutical products in the use thereof for prophylaxis and therapy of different dermatol. troubles, such as wounds, acne, psoriasis, etc.; bone-joint and muscle diseases, such as arthrosis, radiculitis, discopathy, neuritis, inflammation of the perioint tissues, etc.; inflammatory processes and infections in the rhinopharynx and in the oral cavity; (iii) prophylactic effect: in mental, diabetic and hypertonic diseases; for relaxation, recuperation and toning of the organism. Such effects, in addition to characterizing the composition as multifunctional, are much greater than the known ones. This composition ensures also stability of the products for a long time under different temperature conditions without the addition of conservants, and allows the products to be used far away from the natural resource. Thus, multifunctional gel formulation comprised 77.5 g Black sea water, 10 g essential oils, 10 g glycerol, 2.5 g keltrol, 0.01 g pigment.				
CC	62-4 (Essential Oils and Cosmetics)			
IT	Section cross-reference(s): 63			
IT	Fatty acids, biological studies			
	RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)			
	(essential; multifunctional physiolo. active synergistic composition for talasotherapy or aromatherapy comprising sea water, lye, mineral salts, stimulating essential oils, plant exts. or vitamins)			
IT	Acne			
	Anti-infective agents			
	Anti-inflammatory agents			
	Artemia salina			
	Beeswax			
	Cognition enhancers			
	Coloring materials			
	Cosmetic emulsions			
	Cosmetic gels			
	Cosmetic suspensions			
	Cosmetics and personal care products			
	Diabetes mellitus			
	Disinfectants			
	Dunaliella salina			
	Dunaliella viridis			
	Euglenophyta			
	Foaming agents			
	Halobacterium			
	Halococcus			

Honey
 Joint disease
 Lyngbya
 Microalgae
 Mouth, disease
 Muscle, disease
 Natural products, pharmaceutical
 Navicula (diatom)
 Osteoarthritis
 Perfumes
 Pharmaceutical emulsions
 Pharmaceutical gels
 Pharmaceutical suspensions
 Prophylaxis
 Psoriasis
 Raw materials
 Skin cleansers
 Skin conditioners
 Skin emollients
 Skin moisturizers
 Stabilizing agents
 Surfactants
 Sweetening agents
 Topical drug delivery systems
 Viscosity
 Wound
 Wound healing promoters

(multifunctional physiol. active synergistic composition for talasotherapy or aromatherapy comprising sea water, lye, mineral salts, stimulating essential oils, plant exts. or vitamins)

IT 50-70-4, Sorbitol, biological studies 50-81-7, Vitamin C, biological studies 56-81-5, Glycerol, biological studies 57-55-6, Propylene glycol, biological studies 76-22-2, Camphor 77-92-9, Citric acid, biological studies 89-78-1, Menthol 97-59-6, Allantoin 110-27-0, Isopropylmyristate 142-91-6, Isopropylpalmitate 144-55-8, Sodium hydrogencarbonate, biological studies 151-21-3, Texapon K12, biological studies 546-88-3, AHA 1344-00-9, Zeolox 1406-16-2, Vitamin D 1406-18-4, Vitamin E 3844-45-9 7439-95-4D, Magnesium, salts 7440-09-7D, Potassium, salts 7440-23-5D, Sodium, salts 7447-40-7, Potassium chloride, biological studies 7487-88-9, Magnesium sulfate, biological studies 7631-86-9, Silica, biological studies 7647-14-5, Sodium chloride, biological studies 7782-50-5D, Chlorine, salts 7786-30-3, Magnesium chloride, biological studies 7789-77-7, Dicalcium phosphate dihydrate 9002-86-2, PVC 9004-32-4, Carboxymethylcellulose 9004-62-0, Natrosol 9004-82-4, Sodium laureth sulfate 9005-25-8, Starch, biological studies 9005-64-5, Polysorbate 20 11099-07-3, Stearine 11103-57-4, Vitamin A 11138-66-2, Keltrol CG-T 12001-76-2, Vitamin B 19381-50-1, CI 10020 25322-68-3, PEG 31800-90-5, Hostaphat KL340 N 36653-82-4, Cetyl alcohol 61332-02-3, Tegin-iso 83138-62-9, Isolan GI34 85941-44-2, Cremophor A 6 145686-34-6, Abil em90 216500-19-5, Emulgade CM 502687-50-5, Carbopol Ultrez 21
 RL: C06 (Cosmetic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(multifunctional physiol. active synergistic composition for talasotherapy or aromatherapy comprising sea water, lye, mineral salts, stimulating essential oils, plant exts. or vitamins)

L36 ANSWER 5 OF 35 CAPLUS COPYRIGHT 2009 ACS ON STN
 ACCESSION NUMBER: 2008:43610 CAPLUS Full-text
 DOCUMENT NUMBER: 148:127698

TITLE: Cosmetic emulsion composition containing ascorbic acid 2-phosphoric acid fatty acid esters

INVENTOR(S): Yoneda, Tadashi; Ito, Naoko; Furuya, Kazuo

PATENT ASSIGNEE(S): Showa Denko K.K., Japan

SOURCE: PCT Int. Appl., 52pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008004685	A1	20080110	WO 2007-JP63623	20070703
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
JP 2008013464	A	20080124	JP 2006-184748	20060704
EP 2037869	A1	20090325	EP 2007-768347	20070703
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS			
PRIORITY APPLN. INFO.:			JP 2006-184748 WO 2007-JP63623	A 20060704 W 20070703

OTHER SOURCE(S): MARPAT 148:127698

ED Entered STN: 11 Jan 2008

AB An emulsion composition of the present invention includes (A) a salt of a higher fatty acid ester of ascorbic acid-2-phosphoric acid ester, (B) a polyglycerin fatty acid monoester including polyglycerin having a mean polymerization degree of 8 to 12 and an unsatd. C14-22 fatty acid residual group, (C) a polyglycerin fatty acid monoester comprising polyglycerin having a mean polymerization degree of 2-6 and an unsatd. C14-22 fatty acid residual group, and (D) a hydrocarbon oil, wherein the blending ratio by mass between the component (B) and the component (C) is in the range of 1:1-3:1, and the blending ratio by mass between the total of the components (B) and (C) and the component (D) is in the range of 10:1-1:4. By the use of the emulsion composition of the present invention, a skin external preparation can be provided which is prevented from decrease of a salt of a higher fatty acid ester of ascorbic acid-2-phosphoric acid ester attributable to decomposition of the salt, is excellent in retention of moisture, and has a beautiful appearance. A composition contains squalane, polyglyceryl-10 oleate, polyglyceryl-2 oleate, ascorbic acid 2-phosphoric acid 6-palmitate Na, glycerol, and 1,3-butanediol.

CC 62-4 (Essential Oils and Cosmetics)

ST cosmetic emulsion ascorbate phosphate fatty acid polyglycerol

IT Cosmetic emulsions

Particle size distribution

(cosmetic emulsion containing ascorbic acid 2-phosphoric acid fatty acid esters)

IT Paraffin oils
 RL: COS (Cosmetic use); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
 (cosmetic emulsion containing ascorbic acid 2-phosphoric acid fatty acid esters)

IT Fatty acids, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (esters; cosmetic emulsion containing ascorbic acid 2-phosphoric acid fatty acid esters)

IT 9007-48-1, Polyglycerol oleate 9009-32-9, Polyglycerol stearate 23313-12-4D, Ascorbic acid 2-phosphate, fatty acid esters 25618-55-7D, Polyglycerol, fatty acid esters 287925-68-2 614752-31-7, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (cosmetic emulsion containing ascorbic acid 2-phosphoric acid fatty acid esters)

IT 111-01-3, Squalane
 RL: COS (Cosmetic use); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
 (cosmetic emulsion containing ascorbic acid 2-phosphoric acid fatty acid esters)

L36 ANSWER 6 OF 35 CAPLUS COPYRIGHT 2009 ACS ON STN

ACCESSION NUMBER: 2007:1454309 CAPLUS [Full-text](#)

DOCUMENT NUMBER: 148:85127

TITLE: Moisturizing and sunscreen skincare composition

INVENTOR(S): Schmidt, Timm; Apel, Ilke

PATENT ASSIGNEE(S): Reckitt & Colman, Limited, UK

SOURCE: PCT Int. Appl., 34pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007144670	A1	20071221	WO 2007-GB50333	20070613
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
GB 2439618	A	20080102	GB 2006-11743	20060614
EP 2040667	A1	20090401	EP 2007-733754	20070613
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS			
PRIORITY APPLN. INFO.:			GB 2006-11743	A 20060614
			WO 2007-GB50333	W 20070613

ED Entered STN: 24 Dec 2007

AB A skincare composition in the form of an emulsion comprising (a) an organic sunscreen component comprising at least one sunscreen selected from the group

- consisting of bis-ethylhexyloxyphenol methoxyphenyl triazine and methylene bis-benzotriazolyl tetramethylbutylphenol, (b) a moisturizing system comprising starch or a derivative thereof and a polymeric quaternary compound salt having humectant properties, and (c) a carrier comprising an oil phase, an aqueous phase and an emulsifying system, the emulsifying system comprising at least one emulsifier selected from an anionic or nonionic emulsifier. The composition not only reduces the effect of UV radiation on the skin from UV damage, it also improves the moisturization levels to help protect the skin from the effects of UV radiation. Thus, a cream was prepared containing glycerin 12.0, iso-Pr palmitate 5.0, C12-15 alkyl benzoate 4.0, isoamyl p-methoxycinnamate 3.75, ethylhexyl methoxycinnamate 3.716, caprylic/capric triglyceride 3.5, aluminum starch octenyl succinate 3.0, dimethylimidazolidinone rice starch 2.5, methylene bis(benzotriazolyl) tetramethylbutylphenol 2.5, cyclomethicone 2.0, Me glucose sesquisteate 2.0, stearyl alc. 2.0, bis-ethylhexyloxyphenol methoxyphenyl triazine 1.9, phenoxylethanol 1.0, perfume 0.5, decyl glucoside 0.45, sodium hydroxide 0.05, Carbomer 0.12, propylene glycol 0.025, xanthan gum 0.025, Polyquaternium-51 0.01, BHT 0.003, and water to 100%, resp. In a double blind clin. study on 30 female volunteers with dry skin, the cream exhibited an advantageous continuous moisturization profile.
- CC 62-4 (Essential Oils and Cosmetics)
Section cross-reference(s): 1
- IT Fatty acids, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(coco, esters with sucrose; skincare compns. comprising moisturizing system and sunscreen)
- IT Antioxidants
Barrier cosmetics
Buffers
Chelating agents
Cosmetics and personal care products
Emulsifying agents
Human
Humectants
Liquid crystals
Skin conditioners
Skin moisturizers
Stabilizing agents
Vitellaria paradoxa
(skincare compns. comprising moisturizing system and sunscreen)
- IT 56-81-5, 1,2,3-Trihydroxypropane, biological studies 57-55-6, Propylene glycol, biological studies 60-00-4, EDTA, biological studies 65-85-0D, Benzoic acid, C12-15 alkyl esters 79-10-7D, Acrylic acid, esters, polymers 106-11-6, PEG-2 stearate 107-88-0, 1,3-Butylene glycol 112-92-5, Stearyl alcohol 122-99-6, Phenoxylethanol 142-91-6, Isopropyl palmitate 593-29-3, Potassium stearate 3923-79-3D, 1,3-Dimethyl-4,5-dihydroxy-2-imidazolidinone, reaction with starch 5466-77-3, Parsol MCX 7360-38-5, Triethylhexanoin 7664-93-9D, Sulfuric acid, mono-C-16-18-alkyl esters, sodium salts 9004-96-0, PEG oleate 9004-98-2, Oleth-10 9004-99-3, PEG stearate 9005-25-8, Starch, biological studies 9005-63-4, PEG sorbitan 9006-65-9, Dimethicone 9006-65-9D, Dimethicone, reaction products with Poly(oxypropylene)-poly(oxyethylene) cetyl ether 9907-48-1, Polyglyceryl oleate 9087-53-0D, reaction products with dimethicone 9087-61-0, Aluminum starch octenyl succinate 11099-07-3, Glyceryl stearate 11138-66-2, Xanthan gum 11140-02-6, Glyceryl myristate 13463-67-7, Titanium dioxide, biological studies 26266-57-9, Sorbitan palmitate 36653-82-4, Cetyl alcohol 37318-79-9, Sorbitan oleate 49765-51-7D, Decyl, cocoate derivs. 56451-84-4, Sorbitan stearate 58846-77-8, Decyl glucoside 60908-77-2, Isohexadecane 66272-25-1

68936-95-8, Methylglucose sesquistearate 70356-09-1, Butyl
methoxydibenzoylmethane 71617-10-2, Isoamyl p-methoxycinnamate
103597-45-1, Tinosorb M 125275-25-4, Polyquaternium-51 157175-98-9
187393-00-6, Tinosorb S
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(skincare comps. comprising moisturizing system and sunscreen)

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 7 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2007:1206932 CAPLUS Full-text

DOCUMENT NUMBER: 147:474343

TITLE: Long-lasting film-type fragrance cosmetics

INVENTOR(S): Nishimura, Kenichi; Kimura, Masaru; Kurumiya, Hajime;
Nishimura, Nariyasu

PATENT ASSIGNEE(S): NI Corporation, Japan

SOURCE: Jpn. Kokai Tokyo Koho, 18pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2007277150	A	20071025	JP 2006-105293	20060406
PRIORITY APPLN. INFO.:			JP 2006-105293	20060406

ED Entered STN: 25 Oct 2007

AB The film-type fragrance cosmetics contain perfumes and can dissolve on skin.
The cosmetics may also contain fats and oils, emulsifiers, and water-soluble
polymers. An eau de toilette solution containing glyceryl monostearate and
sorbitan monooleate was added to an aqueous base solution containing corn
starch, pullulan, and carrageenan to give a mixture, which was diluted with
H₂O, applied on a PET film, dried, and aged to give a film. The film released
fragrance for approx. 4-7 h after attachment to human skin.

CC 62-5 (Essential Oils and Cosmetics)

ST perfume cosmetic film water soluble polymer; fat oil emulsifier
perfume cosmetic film

IT Glycerides, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(C8-10; long-lasting film-type fragrance cosmetics containing perfumes,
fats and oils, emulsifiers, and water-soluble polymers)

IT Cosmetic emulsions

Cosmetics and personal care products

(films; long-lasting film-type fragrance cosmetics containing perfumes,
fats and oils, emulsifiers, and water-soluble polymers)

IT Fatty acids, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(lanolin; long-lasting film-type fragrance cosmetics containing perfumes,
fats and oils, emulsifiers, and water-soluble polymers)

IT Cologne

Emulsifying agents

Human

Perfumes

(long-lasting film-type fragrance cosmetics containing perfumes, fats and
oils, emulsifiers, and water-soluble polymers)

IT Collagens, biological studies

Fats and Glyceridic oils, biological studies

Safflower oil

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

- (long-lasting film-type fragrance cosmetics containing perfumes, fats and oils, emulsifiers, and water-soluble polymers)
- IT Polymers, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (water-soluble; long-lasting film-type fragrance cosmetics containing perfumes, fats and oils, emulsifiers, and water-soluble polymers)
- IT 57-10-3, Palmitic acid, biological studies 57-11-4, Stearic acid, biological studies 112-38-9, Undecylenic acid 112-80-1, Oleic acid, biological studies 112-85-6, Behenic acid 143-07-7, Lauric acid, biological studies 544-63-8, Myristic acid, biological studies 1338-43-8, Sorbitan monooleate 9000-07-1, Carrageenan 9004-34-6, Cellulose, biological studies 9004-65-3, Hydroxypropyl methyl cellulose 9005-25-8, Corn starch, biological studies 9007-48-1, Polyglyceryl oleate 9057-02-7, Pullulan 11016-36-7, Porphyrin 11094-60-3, Decaglyceryl decaoleate 30399-84-9, Isostearic acid 31566-31-1, Glyceryl monostearate 37353-59-6, Hydroxymethyl cellulose
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (long-lasting film-type fragrance cosmetics containing perfumes, fats and oils, emulsifiers, and water-soluble polymers)

L36 ANSWER 8 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:591993 CAPLUS Full-text

DOCUMENT NUMBER: 147:8847

TITLE: Easily dispersible lipidic phase comprising an oil and a lipophilic additive

INVENTOR(S): Leser, Martin; Sagalowicz, Laurent; Michel, Martin; Frossard, Philippe; Appolonia-Nouzille, Corinne

PATENT ASSIGNEE(S): Nestec S. A., Switz.

SOURCE: PCT Int. Appl., 55pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007060171	A1	20070531	WO 2006-EP68739	20061122
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2006316501	A1	20070531	AU 2006-316501	20061122
CA 2629733	A1	20070531	CA 2006-2629733	20061122
EP 1956920	A1	20080820	EP 2006-819655	20061122
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
JP 2009523061	T	20090618	JP 2008-541737	20061122
US 20080311211	A1	20081218	US 2008-94682	20080522
CN 101360424	A	20090204	CN 2006-80051515	20080721
PRIORITY APPLN. INFO.:			EP 2005-25405	A 20051122

ED Entered STN: 01 Jun 2007

AB A lipidic phase comprising an oil and a lipophilic additive (LPA), which is suitable to make an oil-in-water emulsion by application of low energy or a manual operation. The lipidic phase contains a Lipophilic Additive (LPA) which forms self-assembly structures inside the emulsion oil droplets. The aqueous phase contains a hydrophilic emulsifier and the lipidic and aqueous phases are mixed without using classical high shearing devices or homogenizers. Thus, an emulsion is prepared by following steps: 1-5 weight% of mineral oil, such as tetradecane, is added to 95 weight% water containing already 0.375 weight% of the emulsifier (Tween 80 or Pluronic F127); 0.5-4 weight% LPA (glycerol monolinoleate) is added to the mixture

CC 17-6 (Food and Feed Chemistry)
Section cross-reference(s): 62, 63

ST emulsion emulsifier drug diet supplement cosmetic

IT Monoglycerides
RL: COS (Cosmetic use); FFD (Food or feed use); PAC (Pharmacological activity); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses)
(C6-C20 fatty acid; easily dispersible lipidic phase comprising an oil and a lipophilic additive)

IT Avena sativa
Cosmetics and personal care products
Dietary supplements
Drugs
Emulsification
Flavor
Flavoring materials
Food additives
Food emulsions
Gums and Mucilages
Nutrients
Odor and Odorous substances
(easily dispersible lipidic phase comprising an oil and a lipophilic additive)

IT Alcohols, biological studies
Carbohydrates, biological studies
Cerebrosides
Diglycerides
Essential oils
Esters, biological studies
Fats and Glyceridic oils, biological studies
Fatty acids, biological studies
Gangliosides
Glycerides, biological studies
Glycerophospholipids
Glycolipids
Hydrocarbon oils
Hydrocarbons, biological studies
Lecithins
Linseed oil
Lipids, biological studies
Monoglycerides
Peptides, biological studies
Phospholipids, biological studies
Polyoxyalkylenes, biological studies
Proteins
Sterols
Sulfatides
Terpenes, biological studies

Tocopherols

Waxes

RL: COS (Cosmetic use); FFD (Food or feed use); PAC (Pharmacological activity); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses)
(easily dispersible lipidic phase comprising an oil and a lipophilic additive)

IT Emulsifying agents

(hydrophilic; easily dispersible lipidic phase comprising an oil and a lipophilic additive)

IT Emulsions

(oil-in-water; easily dispersible lipidic phase comprising an oil and a lipophilic additive)

IT Fatty acids, biological studies

RL: COS (Cosmetic use); FFD (Food or feed use); PAC (Pharmacological activity); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses)
(polyunsatd.; easily dispersible lipidic phase comprising an oil and a lipophilic additive)

IT 50-21-5D, Lactic acid, derivs. 50-70-4D, Sorbitol, esters 56-81-5D, Glycerol, fatty acid esters 57-10-3, Palmitic acid, biological studies 57-11-4, Stearic acid, biological studies 57-50-1D, Sucrose, esters 57-55-6D, Propylene glycol, esters 57-88-5, Cholesterol, biological studies 58-95-7, Tocopherol acetate 68-19-9, Vitamin B12 110-27-0, Isopropyl myristate 111-62-6, Ethyl oleate 112-80-1, Oleic acid, biological studies 115-83-3, Pentaerythritol tetrastearate 127-40-2, Lutein 142-91-6, Isopropyl palmitate 143-07-7, Lauric acid, biological studies 303-98-0, Co-Q10 502-65-8, Lycopene 544-35-4, Ethyl linoleate 544-63-8, Myristic acid, biological studies 629-59-4, Tetradecane 1200-22-2, Lipic acid 1338-39-2, Sorbitan monolaurate 1338-41-6, Sorbitan monostearate 1338-43-8, Sorbitan monooleate 1406-16-2, Vitamin D 6829-55-6, Tocotrienol 7235-40-7, β -Carotene 7631-86-9, Silica, biological studies 8007-43-0, Sorbitan sesquioleate 9000-01-5, Arabic gum 9002-92-0 9004-96-0 9004-98-2 9004-99-3, PEG stearate 9005-02-1, PEG dilaurate 9005-07-6 9005-08-7 9005-63-4, Polyoxyethylene sorbitan 9005-65-6, Tween 80 9007-48-1, Polyglycerol oleate 9009-32-9, Polyglycerol stearate 9011-29-4, PEG sorbitan hexastearate 11138-66-2, Xanthan gum 12441-09-7D, Sorbitan, esters 12772-47-3, Pentaerythritol oleate 13081-97-5, Pentaerythritol distearate 22882-95-7, Isopropyl linoleate 25322-68-3D, PEG, ether with edible oils 25322-68-3D, PEG, ether with soya sterol 25618-55-7D, Polyglycerol, esters 25637-97-2, Sucrose dipalmitate 26266-57-9, Sorbitan monopalmitate 26266-58-0, Sorbitan trioleate 26545-74-4, Glycerol monolinoleate 26658-19-5, Sorbitan tristearate 26855-43-6, Triglycerol monostearate 27195-16-0, Sucrose distearate 36493-26-2 51591-38-9D, Diacetyltartaric acid, ester of monoglycerides 51938-44-4, Sorbitan sesquisteate 54392-26-6, Sorbitan monoisostearate 57307-93-4, Pentaerythritol caprylate 61725-93-7, Polyglycerol distearate 69070-98-0, PEG sorbitan tetraoleate 81138-62-9, Polyglycerol isostearate 94555-53-0, Pentaerythritol caprate 98913-68-9, Pentaerythritol isostearate 110540-43-7 146478-45-7, Polyglycerol dioleate 354575-58-9, PEG sorbitan tetrastearate 403821-12-5 691397-13-4, Pluronic F127 937706-53-1

RL: COS (Cosmetic use); FFD (Food or feed use); PAC (Pharmacological activity); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses)
(easily dispersible lipidic phase comprising an oil and a lipophilic additive)

REFERENCE COUNT:

9

THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS

L36 ANSWER 9 OF 35 CAPLUS COPYRIGHT 2009 ACS ON STN
 ACCESSION NUMBER: 2007:585511 CAPLUS Full-text
 DOCUMENT NUMBER: 147:39149
 TITLE: Oil-in-water emulsion for delivery of nutrients, drugs, aromas or chemicals
 INVENTOR(S): Sagalowicz, Laurent; Leser, Martin; Michel, Martin; Watzke, Heribert Johann; Acquistapace, Simone; Bertholet, Raymond; Holst, Birgit; Robert, Fabien
 PATENT ASSIGNEE(S): Nestec S. A., Switz.
 SOURCE: PCT Int. Appl., 87pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007060177	A1	20070531	WO 2006-EP68761	20061122
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
AU 2006316507	A1	20070531	AU 2006-316507	20061122
CA 2629091	A1	20070531	CA 2006-2629091	20061122
EP 1957041	A1	20080820	EP 2006-819669	20061122
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR			
JP 2009516724	T	20090423	JP 2008-541741	20061122
US 20080255247	A1	20081016	US 2008-93560	20080513
CN 101360481	A	20090204	CN 2006-80051460	20080721
PRIORITY APPLN. INFO.:			EP 2005-25439	A 20051122
			WO 2006-EP68761	W 20061122

ED Entered STN: 31 May 2007

AB The present invention concerns an oil-in-water emulsion wherein the oil droplets of a diameter in the range of 5 nm to hundreds of micrometers exhibit a nano-sized self-assembled structure with hydrophilic domains having a diameter size in the range of 0.5 to 200 nm, due to the presence of a lipophilic additive and the oil-in-water emulsion contains an active element being present in the range comprised between 0.00001 and 79 % based on the total composition. An emulsion composition contained minerals oil such as tetradecane, water, Tween 80, glycerol monolinoleate, and emulsifier TS-PH 039.

CC 63-6 (Pharmaceuticals)

Section cross-reference(s): 17, 45, 62

ST oil water emulsion active agent delivery; drug delivery oil water emulsion; nutrient delivery oil water emulsion; chem delivery oil water emulsion

IT Glycerides, biological studies

RL: COS (Cosmetic use); FFD (Food or feed use); MOA (Modifier or additive

- use); NUU (Other use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 - (C8-10, ethoxylated; oil-in-water emulsion for delivery of nutrients, drugs, aromas or chems.)
- IT Fats and Glyceridic oils, biological studies
 - RL: COS (Cosmetic use); FFD (Food or feed use); MOA (Modifier or additive use); NUU (Other use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 - (almond, ethoxylated; oil-in-water emulsion for delivery of nutrients, drugs, aromas or chems.)
- IT Polymers, biological studies
 - RL: COS (Cosmetic use); FFD (Food or feed use); MOA (Modifier or additive use); NUU (Other use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 - (block; oil-in-water emulsion for delivery of nutrients, drugs, aromas or chems.)
- IT Fatty acids, biological studies
 - RL: COS (Cosmetic use); FFD (Food or feed use); MOA (Modifier or additive use); NUU (Other use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 - (esters; oil-in-water emulsion for delivery of nutrients, drugs, aromas or chems.)
- IT Castor oil
- Corn oil
 - Fatty acids, biological studies
- Olive oil
- Palm kernel oil
- Peanut oil
 - RL: COS (Cosmetic use); FFD (Food or feed use); MOA (Modifier or additive use); NUU (Other use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 - (ethoxylated; oil-in-water emulsion for delivery of nutrients, drugs, aromas or chems.)
- IT Castor oil
- Palm kernel oil
 - RL: COS (Cosmetic use); FFD (Food or feed use); MOA (Modifier or additive use); NUU (Other use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 - (hydrogenated, ethoxylated; oil-in-water emulsion for delivery of nutrients, drugs, aromas or chems.)
- IT Antioxidants
 - Bioavailability
 - Dietary supplements
 - Emulsifying agents
 - Emulsions
 - Flavor
 - Hydrophile-lipophile balance value
 - Particle size
 - Pharmaceutical emulsions
 - Polyelectrolytes
 - Self-assembly
 - Surfactants
 - (oil-in-water emulsion for delivery of nutrients, drugs, aromas or chems.)
- IT Albumins, biological studies
- Alcohols, biological studies
- Caseins, biological studies
- Essential oils
 - Fatty acids, biological studies
- Gelatins, biological studies

Glycerides, biological studies
 Hydrocarbons, biological studies
 Paraffin oils
 Peptides, biological studies
 Phospholipids, biological studies
 Protein hydrolyzates
 Proteins
 Terpenes, biological studies
 Waxes

RL: COS (Cosmetic use); FFD (Food or feed use); MOA (Modifier or additive use); NUU (Other use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (oil-in-water emulsion for delivery of nutrients, drugs, aromas or chems.)

IT Alcohols, biological studies

RL: COS (Cosmetic use); FFD (Food or feed use); MOA (Modifier or additive use); NUU (Other use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (polyhydric; oil-in-water emulsion for delivery of nutrients, drugs, aromas or chems.)

IT Fats and Glyceridic oils, biological studies

RL: COS (Cosmetic use); FFD (Food or feed use); MOA (Modifier or additive use); NUU (Other use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (vegetable, ethoxylated; oil-in-water emulsion for delivery of nutrients, drugs, aromas or chems.)

IT Fats and Glyceridic oils, biological studies

RL: COS (Cosmetic use); FFD (Food or feed use); MOA (Modifier or additive use); NUU (Other use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (vegetable, hydrogenated, ethoxylated; oil-in-water emulsion for delivery of nutrients, drugs, aromas or chems.)

IT Fats and Glyceridic oils, biological studies

RL: COS (Cosmetic use); FFD (Food or feed use); MOA (Modifier or additive use); NUU (Other use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (vegetable; oil-in-water emulsion for delivery of nutrients, drugs, aromas or chems.)

IT 50-21-5D, Lactic acid, glycerides 50-70-4, Sorbitol, biological studies

57-10-3, Palmitic acid, biological studies 57-11-4, Stearic acid, biological studies 57-55-6D, Propylene glycol, fatty acid esters 57-88-5, Cholesterol, biological studies 110-27-0, Isopropyl myristate 111-62-6, Ethyl oleate 112-80-1, Oleic acid, biological studies 115-83-3, Pentaerythritol tetrastearate 142-91-6, Isopropyl palmitate 143-07-7, Lauric acid, biological studies 502-65-8, Lycored 544-35-4, Ethyl linoleate 544-63-8, Myristic acid, biological studies 629-59-4, Tetradecane 1338-39-2, Sorbitan monolaurate 1338-41-6, Sorbitan monostearate 1338-43-8, Sorbitan monooleate 4004-05-1, DOPE 8007-43-0, Sorbitan sesquioleate 9000-01-5, Gum acacia 9000-07-1, Carrageenan 9000-65-1, Gum tragacanth 9000-69-5, Pectin 9001-63-2, Lysozyme 9002-92-0, Polyoxyethylene lauryl ether 9004-32-4 9004-34-6D, Cellulose, derivs. 9004-61-9, Hyaluronic acid 9004-95-9, Polyoxyethylene cetyl ether 9004-96-0, Polyoxyethylene oleate 9004-98-2, Polyoxyethylene oleyl ether 9004-99-3, Polyoxyethylene stearate 9005-00-9, Polyoxyethylene stearyl ether 9005-02-1, Polyoxyethylene dilaurate 9005-07-6, Polyoxyethylene dioleate 9005-08-7, Polyoxyethylene distearate 9005-37-2, Propylene glycol alginate 9005-65-6, Tween 80 9007-48-1, Polyglycerol oleate 9009-32-9, Polyglycerol stearate 9011-29-4, Polyoxyethylene sorbitan hexastearate 9012-76-4, Chitosan 11138-66-2,

Xanthan gum 12772-47-3, Pentaerythritol oleate 13081-97-5,
 Pentaerythritol distearate 22882-95-7, Isopropyl linoleate 25637-97-2,
 Sucrose dipalmitate 26266-57-9, Sorbitan monopalmitate 26266-58-0,
 Sorbitan trioleate 26658-19-5, Sorbitan tristearate 26855-43-6,
 Triglycerol monostearate 27195-16-0, Sucrose distearate 51938-44-4,
 Sorbitan sesquisteate 54392-26-6, Sorbitan monoisostearate
 57307-93-4, Pentaerythritol caprylate 69070-98-0, Polyoxyethylene
 sorbitan tetraoleate 71010-52-1, Gellan gum 83133-62-9,
 Polyglycerol isostearate 94555-53-0, Pentaerythritol caprate
 98913-68-9, Pentaerythritol isostearate 106392-12-5, Poloxamer
 110540-43-7, Polyglycerol pentaoleate 146478-45-7, Polyglycerol dioleate
 354575-58-9, Polyoxyethylene sorbitan tetrastearate 403821-12-5,
 Polyglycerol trioleate

RL: COS (Cosmetic use); FFD (Food or feed use); MOA (Modifier or
 additive use); NUU (Other use, unclassified); THU (Therapeutic use); BIOL
 (Biological study); USES (Uses)

(oil-in-water emulsion for delivery of nutrients, drugs,
 aromas or chems.)

IT 50-81-7, Vitamin c, biological studies 58-95-7, Vitamin e acetate
 137-66-6, Ascorbyl palmitate 1406-18-4, Vitamin E 11042-64-1,
 γ-Oryzanol

RL: COS (Cosmetic use); FFD (Food or feed use); NUU (Other use,
 unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological
 study); USES (Uses)

(oil-in-water emulsion for delivery of nutrients, drugs,
 aromas or chems.)

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 10 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:405363 CAPLUS Full-text

DOCUMENT NUMBER: 146:407573

TITLE: Nonaqueous dispersion of polymer particles,
 composition and process for cosmetic treatment
 INVENTOR(S): Mougín, Nathalie; Jegou, Gwenaelle; Giroud, Franck;
 Samain, Henri

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: Eur. Pat. Appl., 29pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1772477	A2	20070411	EP 2006-119284	20060822
EP 1772477	A3	20070704		
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
FR 2891832	A1	20070413	FR 2005-53032	20051006
US 20070081954	A1	20070412	US 2006-543115	20061005
JP 2007100097	A	20070419	JP 2006-274339	20061005
PRIORITY APPLN. INFO.:			FR 2005-53032	A 20051006
			US 2005-727515P	P 20051018

ED Entered STN: 12 Apr 2007

AB Dispersions of ethylenic polymers in liqs. having Hansen's soly parameter ≤ 20 MPa^{1/2} (such as silicone oils), useful for manufacture of hair preps., are characterized in that the polymer exhibits glass transition $\leq 20^\circ$.

CC 62-3 (Essential Oils and Cosmetics)

IT *Fatty acids, biological studies*
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (esters, dispersion medium; nonaq. dispersion of ethylenic polymer particles having low glass transition temps. for hair preps.)

IT Cosmetic emulsions
 (nonaq. dispersion of ethylenic polymer particles having low glass transition temps. for cosmetic emulsions)

IT 4813-57-4D, Stearyl acrylate, polymers with acrylates, and dimethicone acrylates 9003-17-2D, Polybutadiene, polyoxyethylene derivs. 9003-27-4D, Polyisobutylene, polyoxyethylene derivs. 9006-65-9D, Dimethicone, behenoxy 25322-68-3D, Polyethylene glycol, polybutadiene or polyisobutylene derivs. 25322-68-3D, siloxane derivs. 25322-69-4D, siloxane derivs. 27924-99-8D, Poly(12-hydroxystearic acid), acrylic polymer derivs. 30473-93-9, Methyl methacrylate-stearyl methacrylate copolymer 31692-79-2D, Dimethiconol, esters 34316-64-8, Hexyl laurate 83138-62-9, Polyglyceryl isostearate 105729-79-1, Isoprene-styrene block copolymer 105729-79-1D, Isoprene-styrene block copolymer, hydrogenated 106107-54-4, Butadiene-styrene block copolymer 106107-54-4D, Butadiene-styrene block copolymer, hydrogenated 108854-46-2, Isobutylene-methyl methacrylate graft copolymer 110734-66-2, Abil WE 09 114530-84-6, Isobutylene-methyl methacrylate block copolymer 139614-44-1, Laurylmethicone 145686-34-6, Cetyl dimethicone copolyol 145686-74-4, Laurylmethicone copolyol 149531-86-2, Lauryldimethicone copolyol 167160-55-6, Stearyl methicone 175831-78-4, Dimethiconol behenate 314241-95-7, DC 5225C 933063-27-5, Pecosil FSH 150

RL: COS (Cosmetic use); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
 (dispersant; nonaq. dispersion of ethylenic polymer particles having low glass transition temps. for hair preps.)

L36 ANSWER 11 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:8574 CAPLUS Full-text

DOCUMENT NUMBER: 146:86953

TITLE: Emulsion with insect repellent

INVENTOR(S): Schulz, Jens; Von Der Fecht, Stephanie; Nielsen, Jens; Kroepeke, Rainer

PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany

SOURCE: Eur. Pat. Appl., 11pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1738745	A1	20070103	EP 2006-116033	20060626
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
DE 102005030017	A1	20070104	DE 2005-102005030017	20050627

PRIORITY APPLN. INFO.:

ED Entered STN: 03 Jan 2007

DE 2005-102005030017A 20050627

AB A cosmetic emulsion is disclosed that comprises aqueous inner and lipid outer phases. The lipid phase contains Icaridin.

CC 62-4 (Essential Oils and Cosmetics)
 ST Icaridin cosmetic emulsion insect repellent
 IT Carbonates, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (alkyl; cosmetic emulsion containing an insect repellent)
 IT Cosmetic emulsions
 Insect repellents
 Melting point
 Packaging materials
 Textiles
 (cosmetic emulsion containing an insect repellent)
 IT Alcohols, biological studies
 Ethers, biological studies
 Lanolin
 Paraffin oils
 Polysiloxanes, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (cosmetic emulsion containing an insect repellent)
 IT Polyesters, biological studies
 RL: COS (Cosmetic use); MOA (Modifier or additive use); POF (Polymer in
 formulation); BIOL (Biological study); USES (Uses)
 (cosmetic emulsion containing an insect repellent)
 IT Cyclosiloxanes
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (di-Me; cosmetic emulsion containing an insect repellent)
 IT Fatty acids, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (esters; cosmetic emulsion containing an insect repellent)
 IT Castor oil
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (ethoxylated; cosmetic emulsion containing an insect repellent)
 IT Medical goods
 (plasters; cosmetic emulsion containing an insect repellent)
 IT Emulsions
 (water-in-oil; cosmetic emulsion containing an insect repellent)
 IT 119515-38-7, Icaridin
 RL: BUU (Biological use, unclassified); COS (Cosmetic use); BIOL
 (Biological study); USES (Uses)
 (cosmetic emulsion containing an insect repellent)
 IT 57-11-4D, Stearic acid, ethoxylation products 9006-65-9D, Dimethicone,
 copolymers 9009-32-9, Polyglyceryl stearate
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (cosmetic emulsion containing an insect repellent)
 IT 9002-88-4, Polyethylene 9003-07-0, Polypropylene 25038-59-9,
 biological studies
 RL: COS (Cosmetic use); MOA (Modifier or additive use); POF (Polymer in
 formulation); BIOL (Biological study); USES (Uses)
 (cosmetic emulsion containing an insect repellent)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 12 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2006:1239361 CAPLUS [Full-text](#)
 DOCUMENT NUMBER: 147:262929
 TITLE: A new sensory emollient for decorative
 cosmetics
 AUTHOR(S): Anon.
 CORPORATE SOURCE: UK
 SOURCE: Research Disclosure (2006), 510(Oct.), P1288-P1289
 (No. 510019)

PUBLISHER: CODEN: RSDSBB; ISSN: 0374-4353
 DOCUMENT TYPE: Kenneth Mason Publications Ltd.
 LANGUAGE: Journal; Patent
 FAMILY ACC. NUM. COUNT: 1 English
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
RD 510019		20061010	RD 2006-510019	20061010
PRIORITY APPLN. INFO.:				
ED Entered STN: 28 Nov 2006				
AB Some formulation examples with high-spreading branched ester emollients based on C6-12 alcs. and acids and having at least one branched chain containing a sensorially elegant decorative cosmetic applications are presented.				
CC 62-4 (Essential Oils and Cosmetics)				
ST decorative emollient Cetiol SenSoft cosmetic foundation lipstick				
IT Rosin				
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (Colophane Claire type Y; in new sensory emollient decorative cosmetics)				
IT Tocopherols				
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (Copherol F 1300; in new sensory emollient decorative cosmetics)				
IT Fatty acids, biological studies				
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (C16-18, Cutina FS 45; in new sensory emollient decorative cosmetics)				
IT Alcohols, biological studies				
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (C16-18, Lanette O; in new sensory emollient decorative cosmetics)				
IT Alcohols, biological studies				
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (C16-18, ethoxylated, Emulgin B2; in new sensory emollient decorative cosmetics)				
IT Fatty acids, biological studies				
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (castor-oil, esters with polyglycerol, Admul WOL 1403; in new sensory emollient decorative cosmetics)				
IT Glycerides, biological studies				
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (coco, Myritol 331; in new sensory emollient decorative cosmetics)				
IT Cosmetics				
(foundations; new sensory emollient decorative cosmetics)				
IT Castor oil				
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (hydrogenated, ethoxylated, Dehymuls HRE 7; in new sensory emollient decorative cosmetics)				
IT Beeswax				
(in new sensory emollient decorative cosmetics)				
IT Candelilla wax				
Carnauba wax				
Castor oil				
Ceresin				
Paraffin oils				
Petrolatum				
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)				

- (in new sensory emollient decorative cosmetics)
- IT Cosmetics
(lipsticks; new sensory emollient decorative cosmetics)
- IT Hydrocarbon waxes, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(microcryst.; in new sensory emollient decorative cosmetics)
- IT Cosmetics
(new sensory emollients for decorative cosmetic Cetiol SenSoft)
- IT Skin emollients
(new sensory emollients for decorative cosmetic Cetiol SenSoft was available)
- IT 84861-79-0
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(Amphisol K; in new sensory emollient decorative cosmetics)
- IT 31566-31-1
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(Cutina GMS-SE in new sensory emollient decorative cosmetics)
- IT 5281-04-9
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(DC Red 7 Ca Lake C 19003 in new sensory emollient decorative cosmetics)
- IT 15790-07-5, C.I. Pigment Yellow 104
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(FD Yellow 6 Al Lake C705270 in new sensory emollient decorative cosmetics)
- IT 56-81-5, Glycerin, biological studies 111-01-3, Fitoderm 541-02-6, Dow Corning 245 1680-31-5, Cetiol CC 3234-85-3, Cetiol MM 5333-42-6, Eutanol G 5466-77-3, Neo Heliopan AV 8045-77-0, Lanette E 9003-04-7, Cosmedia SP 9087-61-0, Dry Flo PC 11099-07-3, Cutina MD 13081-97-5, Cutina PES 13463-67-7, Pigment White 6, biological studies 14858-73-2, Tegosoft DEC 25496-72-4, Monomuls 90-018 27215-38-9, Monomuls 90L 12 52623-82-2, Cetiol LC 66082-42-6, Lameform TGI 83138-62-9, Isolan GI 34 84563-77-9, Hydagen CMF 88122-99-0, Uvinul T 150 93196-26-0, Iriodin 100 Silver Pearl 103597-45-1, Tinosorb M 110225-00-8, Eutanol G 16 144747-22-8, Dehymuls PGPH 145686-34-6, Abil EM 90 154702-15-5, Uvasorb HEB 157175-98-9, Tego Care 450 180898-37-7, Neo Heliopan AP 187393-00-6, Tinosorb S 195889-53-3, Emulgin VL 75 215934-26-2, Emulgade PL 68/50 217434-83-8, Isolan PDI 302776-68-7, Uvinul A Plus 329201-02-7, Microna Matte Red 329201-04-9, Microna Matte White 329201-08-3, Microna Matte Yellow 329201-10-7, Microna Matte Black 613262-12-7, Cosmedia DC 868839-23-0, Cetiol SenSoft 945774-53-8, Codesta F 50 945774-72-1, Cera Bellina 945774-84-5, Cutina LM Conc 945774-85-6, Cosmetic White C 47056 945775-32-6, Irwinol LS 9319
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(in new sensory emollient decorative cosmetics)

L36 ANSWER 13 OF 35 CAPLUS COPYRIGHT 2009 ACS ON STN
 ACCESSION NUMBER: 2006:1012460 CAPLUS Full-text
 DOCUMENT NUMBER: 145:382981
 TITLE: Skin lightening compositions comprising vitamin C derivative
 INVENTOR(S): Majmudar, Gopa; Zhao, Wanli
 PATENT ASSIGNEE(S): Mary Kay Inc., USA
 SOURCE: PCT Int. Appl., 75pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1

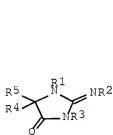
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006102289	A2	20060928	WO 2006-US10149	20060321
WO 2006102289	A3	20061130		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2006227205	A1	20060928	AU 2006-227205	20060321
CA 2601571	A1	20060928	CA 2006-2601571	20060321
US 20060216254	A1	20060928	US 2006-385550	20060321
EP 1871334	A2	20080102	EP 2006-739081	20060321
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
HK 1096241	A2	20070525	HK 2006-103676	20060323
MX 2007011784	A	20080314	MX 2007-11784	20070924
KR 2008025036	A	20080319	KR 2007-724399	20071023
CN 101166506	A	20080423	CN 2006-80014457	20071030
PRIORITY APPLN. INFO.:				
			US 2005-664333P	P 20050323
			US 2006-385550	A 20060321
			WO 2006-US10149	W 20060321

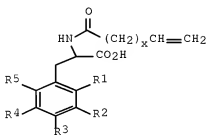
OTHER SOURCE(S): MARPAT 145:382981

ED Entered STN: 29 Sep 2006

GI



I



II

AB The present invention concerns methods and compns. that can be used, for example, in skin whitening or hyperpigmentation applications. The composition, in non-limiting aspects, can include a vitamin C derivative, niacinamide, an extract formulation comprising cucumber and lemon extract or compds. (I, R1, R2, R3, R4, and R5 = H, alkyl, hydroxy- or carboxyalkyl; II, R1, R2, R3, R4, and R5 = H, alkyl, hydroxy- or carboxyalkyl, and x = 1-30). For example, skin-lightening formulation was prepared containing ascorbyl glucoside 0.01%, licorice extract 0.05%, niacinamide 0.01%, magnesium ascorbyl phosphate 0.05%, Uninontan 0.5%, and botanical blend 0.5%.

CC 62-4 (Essential Oils and Cosmetics)

IT Fatty acids, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (coco, 2-sulfoethyl esters, sodium salts; skin-lightening compns.
 comprising vitamin C derivative)

IT Cosmetics
 (emulsions; skin-lightening compns. comprising vitamin C
 derivative)

IT 50-81-7, L-Ascorbic acid, biological studies 56-81-5, Glycerine,
 biological studies 57-11-4, Stearic Acid, biological studies 57-55-6,
 Propylene Glycol, biological studies 58-95-7, Tocopheryl Acetate
 60-00-4, EDTA, biological studies 68-04-2, Sodium citrate 77-92-9,
 Citric Acid, biological studies 98-92-0, Niacinamide 99-76-3,
 Methylparaben 107-43-7, Betafin BP 20 112-92-5, 1-Octadecanol
 118-60-5, Octyl salicylate 121-44-8, Triethyl amine, biological studies
 122-99-6, Phenoxyethanol 131-57-7, Oxybenzone 139-33-3, Disodium EDTA
 5466-77-3, Ethylhexyl p-methoxycinnamate 6440-58-0, DMDM Hydantoin
 7647-14-5, Sodium Chloride, biological studies 8066-38-4, Phenonip
 9004-62-0, Hydroxyethylcellulose 9004-95-9, Ceteth-20 9005-67-8,
 Polysorbate 60 10043-11-5, Boron Nitride, biological studies
 11099-07-3, Glyceryl Stearate 13463-67-7, Titanium oxide (TiO₂),
 biological studies 25265-75-2, Butylene Glycol 25322-68-3, PEG 100
 25322-69-4, PPG 30399-84-9, Isostearic Acid 13807-55-3, Isododecane
 36574-66-0D, N-cocoacyl derivs. 36653-82-4, Cetyl Alcohol 55406-53-6,
 Glycacid 56451-84-4, Sorbitan Stearate 58958-60-4, Isostearyl
 Neopentanoate 59030-00-1, Polysynlane 74565-11-0, Finsolv TN
 76050-42-5, Carbomer 940 83138-62-9, Polyglyceryl Isostearate
 84517-95-3, Germaben II 84750-06-1, Arlacel 165 89812-31-7
 108910-78-7, Magnesium ascorbyl phosphate 125913-31-7, Ascorbyl
 phosphate 126370-70-5, 6-O- α -D-Glucopyranosyl-L-ascorbic acid
 126776-85-0, Timiron Super Blue 128808-26-4, Sodium ascorbyl phosphate
 129499-78-1, Ascorbyl glucoside 144377-73-1, Phospholipid EFA
 148093-12-3, Sepigel 305 150581-18-3,
 5-O- α -D-Glucopyranosyl-L-ascorbic acid 175357-18-3, Sepiwhite MSH
 215363-57-8 221363-11-7 245418-18-2, Uninontan U 34 247185-48-4,
 Prodev 400 287925-71-7 394212-45-4 501084-04-4, Simulgel NS
 562043-82-7 637334-66-8 719294-68-5, Matrixyl 3000 910646-84-3
 910646-85-4 910646-87-6 910802-13-0, Actiplex 3535 910879-03-7,
 Carbopol SF 1
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (skin-lightening compns. comprising vitamin C derivative)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 14 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:844733 CAPLUS Full-text

DOCUMENT NUMBER: 145:256169

TITLE: Nanoemulsions comprising lipooaminoacids and
 monoglycerides, diglycerides and polyglycerides of
 fatty acids

INVENTOR(S): Comini, Miro; Lenzini, Marina; Guglielmini, Giancarlo

PATENT ASSIGNEE(S): Maycos Italiana Di Comini Miro & C. S.A.S., Italy;
 Sinerga S.p.A.

SOURCE: PCT Int. Appl., 16pp.
 CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2006087156	A1	20060824	WO 2006-EP1277	20060213
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W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

IT 2005MI0218 A1 20050515 IT 2005-MI218 20050215

PRIORITY APPLN. INFO.: IT 2005-MI218 A 20050215

ED Entered STN: 24 Aug 2006

AB Disclosed are nanoemulsions comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids as emulsifying system, and their use in the cosmetic, dermatol. and pharmaceutical fields. For example, an emulsion composition containing potassium lauroyl wheat amino acids (30 %) 9, palm glycerides 3, octyl palmitate 8, jojoba oil 1, tocopheryl acetate 0.5, sodium lactate 2, sodium PCA 2, fragrances 0.2, preservatives 0.1, and water balance to 100 % was formulated.

CC 63-6 (Pharmaceuticals)

IT Section cross-reference(s): 62

IT Fats and Glyceridic oils, biological studies

RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(almond, fatty acids, reaction products with amino acids; nanoemulsions comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids)

IT Fatty acids, biological studies

RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(coco, reaction products with amino acids; nanoemulsions comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids)

IT Fatty acids, biological studies

RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(coco, reaction products, with glycine, salts; nanoemulsions comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids)

IT Drug delivery systems

(emulsions, topical; nanoemulsions comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids)

IT Cosmetics

(emulsions; nanoemulsions comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids)

IT Carboxylic acids, biological studies

RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(hydroxy; nanoemulsions comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids)

IT Amino acids, biological studies

RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

- (lipo; nanoemulsions comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids)
- IT Pigments, nonbiological
 - (micro; nanoemulsions comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids)
- IT Natural products, pharmaceutical
 - (nanoemulsions comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids)
- IT Amino acids, biological studies
 - Carbohydrates, biological studies
 - Diglycerides
 - Glycerides, biological studies
 - Monoglycerides
 - Peptides, biological studies
 - Polysaccharides, biological studies
 - Proteins
 - Vitamins
 - RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study);
 - USES (Uses)
 - (nanoemulsions comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids)
- IT Fatty acids, biological studies
 - RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study);
 - USES (Uses)
 - (olive-oil, glycerides; nanoemulsions comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids)
- IT Fatty acids, biological studies
 - RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study);
 - USES (Uses)
 - (olive-oil, reaction products with amino acids; nanoemulsions comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids)
- IT Fatty acids, biological studies
 - RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study);
 - USES (Uses)
 - (palm-oil, reaction products with amino acids; nanoemulsions comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids)
- IT Monoglycerides
 - RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study);
 - USES (Uses)
 - (palm-oil; nanoemulsions comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids)
- IT Fatty acids, biological studies
 - RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study);
 - USES (Uses)
 - (peanut-oil, reaction products with amino acids; nanoemulsions comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids)
- IT Fatty acids, biological studies
 - RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study);
 - USES (Uses)
 - (soya, reaction products with amino acids; nanoemulsions comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids)
- IT Fatty acids, biological studies
 - RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study);
 - USES (Uses)
 - (sunflower-oil, reaction products with amino acids; nanoemulsions

comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids)

IT Fatty acids, biological studies
 RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (vegetable-oil, reaction products with amino acids; nanoemulsions comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids)

IT 56-40-6D, Glycine, N-coco acyl derivs., salts 58-95-7, Tocopheryl acetate 79-81-2, Retinyl palmitate 81-13-0, D-Panthenol 124-07-2D, Caprylic acid, mixed glycerides with capric acid 143-07-7D, Lauric acid, reaction products with amino acids, salts 334-48-5D, Capric acid, mixed glycerides with caprylic acid 18777-32-7, Sodium N-Lauroyl glycine 25496-72-4, Glyceryl oleate 29923-31-7, Sodium N-lauroyl glutamate 37220-82-9, Glycerin oleate 83138-62-9, Polyglyceryl isostearate 184678-85-1
 RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (nanoemulsions comprising lipoaminoacids and monoglycerides, diglycerides and polyglycerides of fatty acids)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 15 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2006:735288 CAPLUS Full-text
 DOCUMENT NUMBER: 145:173583
 TITLE: Simulated vernix compositions comprising a lipid matrix for skin cleansing and other applications
 INVENTOR(S): Hoath, Steven B.; Pickens, William L.; Visscher, Martha O.; Tansirikongkol, Anyarporn; Wickett, Richard Randall
 PATENT ASSIGNEE(S): Children's Hospital Medical Center, USA; University of Cincinnati
 SOURCE: PCT Int. Appl., 54 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006078245	A1	20060727	WO 2005-US1839	20050119
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RM:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, CA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, BG, KZ, MD, RU, TJ, TM			
CA 2595023	A1	20060727	CA 2005-2595023	20050119
EP 1838274	A1	20071003	EP 2005-711722	20050119
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR			
JP 2008527036	T	20080724	JP 2007-552100	20050119
PRIORITY APPLN. INFO.:			WO 2005-US1839	W 20050119

ED Entered STN: 27 Jul 2006

AB A composition and a method of producing a composition which simulates hydration, cleansing and other properties of native vernix are provided. The composition contains hydratable water-in-oil emulsified particles providing water vapor transport and evaporative water loss properties, rheol., tactile, cleansing, and other properties simulating native vernix. The inventive composition simulates hydrophobic properties of native vernix by a matrix of one or more lipids that are present in native vernix, in which the simulated cells are dispersed. In one embodiment, the lipids are substantially physiol. Any or all the following lipids may be used, each of which is found in native vernix, and each of which is available com.: cholesterol esters, ceramides, triglycerides, cholesterol, free fatty acids, phospholipids, wax esters, squalene, wax diesters, and cholesterol sulfate. Other physiol. acceptable lipids, such Petrolatum and/or mineral oil, may be included in some formulations. Thus, a synthetic vernix composition comprised (i) a lipid phase containing lanolin 2, squalene 3.5, linoleic acid 0.8, cholesterol 6, ceramide III 1.5, beeswax 4.2, capryl/caprylic triglyceride 1, cholesterol sulfate 1, Arlacel PI35 1.5, and sorbitan sesquioleate 0.5, and (ii) a water phase containing magnesium sulfate 0.5, glycerin 2.5, methylparaben, propylparaben as needed, and water 45%, resp.

CC 62-4 (Essential Oils and Cosmetics)

ST lipid matrix particle emulsion synthetic vernix cosmetic cleanser

IT Glycerides, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(C8-10; lipid matrix and water-in-oil emulsified particles as simulated vernix for skin cleansing and other applications)

IT Cosmetics
(cleansing; lipid matrix and water-in-oil emulsified particles as simulated vernix for skin cleansing and other applications)

IT Cosmetics
(emulsions; lipid matrix and water-in-oil emulsified particles as simulated vernix for skin cleansing and other applications)

IT Castor oil

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(hydrogenated, ethoxylated; lipid matrix and water-in-oil emulsified particles as simulated vernix for skin cleansing and other applications)

IT Emulsifying agents

Particles
(lipid matrix and water-in-oil emulsified particles as simulated vernix for skin cleansing and other applications)

IT Ceramides

Fatty acids, biological studies

Glycerides, biological studies

Hydrocarbon oils

Lanolin

Lipids, biological studies

Petrolatum

Phospholipids, biological studies

Waxes

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(lipid matrix and water-in-oil emulsified particles as simulated vernix for skin cleansing and other applications)

IT Hydrophil-lipophile balance value
(of emulsifying agent; lipid matrix and water-in-oil emulsified particles as simulated vernix for skin cleansing and other applications)

IT Hydrocarbons, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (polyhydroxy; lipid matrix and water-in-oil emulsified
 particles as simulated vernix for skin cleansing and other
 applications)

IT Secretions (external)
 (vernix caseosa; lipid matrix and water-in-oil emulsified
 particles as simulated vernix for skin cleansing and other
 applications)

IT 56-81-5, Glycerin, biological studies 57-88-5, Cholesterol, biological
 studies 57-88-5D, Cholesterol, esters 60-33-3, Linoleic acid,
 biological studies 94-13-3, Propylparaben 99-76-3, Methylparaben
 111-02-4, Squalene 112-92-5, Stearyl alcohol 1256-86-6, Cholesterol
 sulfate 7487-88-9, Magnesium sulfate, biological studies 7647-14-5,
 Sodium chloride, biological studies 8007-43-0, Sorbitan sesquioleate
 9067-48-1, Polyglyceryl oleate 63705-03-3, Polyglyceryl
 diisostearate 83136-62-9, Polyglyceryl isostearate
 110734-66-2, Abil WE 09 145686-34-6, Cetyl dimethicone copolyol
 206451-21-0 827596-80-5, Arlancel P 135
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (lipid matrix and water-in-oil emulsified particles as
 simulated vernix for skin cleansing and other applications)

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 16 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:596667 CAPLUS Full-text

DOCUMENT NUMBER: 145:69382

TITLE: Cosmetic emulsion comprising solid particles
 of wax

INVENTOR(S): Themens, Agnes; Arnaud, Pascal

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: Eur. Pat. Appl., 16 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1671614	A1	20060621	EP 2005-292536	20051130
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, BA, HR, IS, YU				
FR 2879439	A1	20060623	FR 2004-53045	20041217
FR 2879439	B1	20070209		
US 20060159716	A1	20060720	US 2005-305145	20051219
PRIORITY APPLN. INFO.:			FR 2004-53045	A 20041217
			US 2004-638120P	P 20041223

ED Entered STN: 22 Jun 2006

AB Cosmetic emulsions comprise solid particles of wax having average volume ≤ 1
 μm in the aqueous phase and $\leq 15 \mu\text{m}$ in oil phase. A cosmetic foundation
 contained Sunsphere H51 4, Abil EM90 2.7, Isolan GI34 0.9, isostearyl
 palmitate 6.0, cyclopentasiloxane 30, hydrophobic coated iron oxide 3.13,
 hydrophobic coated titanium oxide 7.87, colloidal silica 17, and water q.s.
 100 g.

CC 62-4 (Essential Oils and Cosmetics)

ST cosmetic emulsion solid particle wax

IT Fats and Glyceridic oils, biological studies

- RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(Japan wax; cosmetic emulsion comprising solid particles)
- IT Fats and Glyceridic oils, biological studies
- RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(almond; cosmetic emulsion comprising solid particles)
- IT Fats and Glyceridic oils, biological studies
- RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(apricot kernel; cosmetic emulsion comprising solid particles)
- IT Fats and Glyceridic oils, biological studies
- RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(avocado; cosmetic emulsion comprising solid particles)
- IT Calophyllum
Ozocerite
Particle size
(cosmetic emulsion comprising solid particles)
- IT Candelilla wax
Carnauba wax
Castor oil
Ceresin
Corn oil
Cottonseed oil
Lignite
Montan wax
Palm oil
Paraffin waxes, biological studies
Rape oil
Soybean oil
Sunflower oil
Waxes
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(cosmetic emulsion comprising solid particles)
- IT Cosmetics
(emulsions; cosmetic emulsion comprising solid particles)
- IT Fatty acids, biological studies
- RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(esters; cosmetic emulsion comprising solid particles)
- IT Cosmetics
(foundations; cosmetic emulsion comprising solid particles)
- IT Jojoba oil
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(hydrogenated; cosmetic emulsion comprising solid particles)
- IT Hydrocarbon waxes, biological studies
- RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(microcryst.; cosmetic emulsion comprising solid particles)
- IT Fats and Glyceridic oils, biological studies
- RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(mink; cosmetic emulsion comprising solid particles)
- IT Waxes
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(ouricury; cosmetic emulsion comprising solid particles)
- IT Fats and Glyceridic oils, biological studies
- RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(sesame; cosmetic emulsion comprising solid particles)
- IT Waxes
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(sugarcane; cosmetic emulsion comprising solid particles)
- IT Fats and Glyceridic oils, biological studies
- RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(turtle; cosmetic emulsion comprising solid particles)

IT Lanolin
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (wax; cosmetic emulsion comprising solid particles)

IT 111-01-3, Perhydosqualene 1344-28-1, Alumina, biological studies
 7631-86-9, Silica, biological studies 72576-80-8, Isostearyl palmitate
 83138-62-9, Isolan GI34
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (cosmetic emulsion comprising solid particles)

IT 9003-27-4, Polyisobutylene
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (hydrogenated; cosmetic emulsion comprising solid particles)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 17 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2006:117078 CAPLUS Full-text
 DOCUMENT NUMBER: 144:198118
 TITLE: Cosmetic composition comprising an emulsion
 comprising an alkyltrisiloxane
 INVENTOR(S): Arnaud, Pascal
 PATENT ASSIGNEE(S): L'Oreal, Fr.
 SOURCE: PCT Int. Appl., 32 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006013414	A1	20060209	WO 2005-1B2024	20050715
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
FR 2873583	A1	20060203	FR 2004-51693	20040728
FR 2873583	B1	20061124		
PRIORITY APPLN. INFO.:			FR 2004-51693	A 20040728
			US 2004-598122P	P 20040803

OTHER SOURCE(S): MARPAT 144:198118
 ED Entered STN: 09 Feb 2006
 AB The present invention relates to a cosmetic composition comprising an emulsion with an oily continuous phase, for making up and/or caring for the skin, the lips and/or keratin fibers, comprising, in a physiologically acceptable medium, at least one volatile linear alkyltrisiloxane oil corresponding to formula Me₃SiOSiMe₂ROSiMe₃ (R = C₂-5 alkyl, optionally substituted with F or Cl), and also to the related cosmetic treatment process. For example, a water-in-oil emulsion foundation contained cetyl dimethicone copolyol (Abil EM 90) 0.80, polyglyceryl-4 isostearate 0.60, dimethicone copolyol (KF 6017) 5.00, isostearyl neopentanoate 0.50, isoeicosane 2.00, dimethicone DC 200 Fluid - 5 cSt 2.30, cyclohexasiloxane 8.00, distearyldimethylammonium-modified hectorite

(Bentone 38V) 1.60, heptamethylbutyltrisiloxane 21.00, heptamethylethyltrisiloxane 8.41, iron oxides 2.13, titanium dioxide 5.87, polymethyl methacrylate 4.00, butylene glycol 10.00, sodium chloride 0.70 g, preservative as needed, and water to 100.00 g, resp.

IC ICM A61K008-31
ICS A61K008-58; A61Q001-02

CC 62-4 (Essential Oils and Cosmetics)

ST alkyltrisiloxane cosmetic emulsion skin hair

IT Cosmetics
(cleansing; cosmetic composition comprising emulsion containing alkyltrisiloxane)

IT Hair preparations
(conditioners; cosmetic composition comprising emulsion containing alkyltrisiloxane)

IT Antioxidants
Antiperspirants
Deodorants (personal)
Dyes
Gelation agents
Hair
Hair preparations
Lip
Opacifiers
Ozocerite
Pearlescent pigments
Perfumes
Pigments, nonbiological
Preservatives
Shampoos
Skin
Sunscreens
Suntanning agents
Surfactants
Thickening agents
(cosmetic composition comprising emulsion containing alkyltrisiloxane)

IT Fatty acids, biological studies
Hydrocarbon oils
Polymers, biological studies
Polysiloxanes, biological studies
Silicone rubber, biological studies
Vitamins
Waxes
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(cosmetic composition comprising emulsion containing alkyltrisiloxane)

IT Keratins
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(cosmetic composition comprising emulsion containing alkyltrisiloxane for treating keratin materials)

IT Polyoxyalkylenes, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(di-Me, Me hydrogen polysiloxane-; cosmetic composition comprising emulsion containing alkyltrisiloxane)

IT Polysiloxanes, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(di-Me, Me hydrogen, polyoxyalkylene-; cosmetic composition comprising emulsion containing alkyltrisiloxane)

IT Polysiloxanes, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(di-Me, hydroxyalkyl Me, ethoxylated; cosmetic composition comprising emulsion containing alkyltrisiloxane)

- IT Skin, disease
(dry, treatment of; cosmetic composition comprising emulsion containing alkyltrisiloxane)
- IT Hair preparations
(dyes; cosmetic composition comprising emulsion containing alkyltrisiloxane)
- IT Fatty acids, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(esters; cosmetic composition comprising emulsion containing alkyltrisiloxane)
- IT Cosmetics
(eye liners; cosmetic composition comprising emulsion containing alkyltrisiloxane)
- IT Alcohols, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(fatty, ethoxylated; cosmetic composition comprising emulsion containing alkyltrisiloxane)
- IT Alcohols, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(fatty; cosmetic composition comprising emulsion containing alkyltrisiloxane)
- IT Cosmetics
(foundations; cosmetic composition comprising emulsion containing alkyltrisiloxane)
- IT Bath preparations
- IT Hair preparations
(gels; cosmetic composition comprising emulsion containing alkyltrisiloxane)
- IT Cosmetics
(lipcare; cosmetic composition comprising emulsion containing alkyltrisiloxane)
- IT Cosmetics
(lipsticks; cosmetic composition comprising emulsion containing alkyltrisiloxane)
- IT Cosmetics
(makeup removers; cosmetic composition comprising emulsion containing alkyltrisiloxane)
- IT Cosmetics
(makeups; cosmetic composition comprising emulsion containing alkyltrisiloxane)
- IT Cosmetics
(mascaras; cosmetic composition comprising emulsion containing alkyltrisiloxane)
- IT Hair preparations
(mousses; cosmetic composition comprising emulsion containing alkyltrisiloxane)
- IT Cosmetics
(nail lacquers; cosmetic composition comprising emulsion containing alkyltrisiloxane)
- IT Surfactants
(nonionic; cosmetic composition comprising emulsion containing alkyltrisiloxane)
- IT Stabilizing agents
(pH; cosmetic composition comprising emulsion containing alkyltrisiloxane)
- IT Hair preparations
(permanent wave; cosmetic composition comprising emulsion containing alkyltrisiloxane)
- IT Hair preparations
(sprays; cosmetic composition comprising emulsion containing

alkyltrisiloxane)

IT Hair preparations
(straighteners; cosmetic composition comprising emulsion containing
alkyltrisiloxane)

IT 9006-65-9, Dimethicone
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(DC 200 Fluid 5; cosmetic composition comprising emulsion containing
alkyltrisiloxane)

IT 50-99-7D, D-Glucose, alkyl derivs., esters 57-50-1D, Sucrose, esters
64-17-5, Ethanol, biological studies 294-40-6, Cyclopentasiloxane
295-01-2, Cyclohexasiloxane 1332-37-2, Iron oxide, biological studies
7487-88-9, Magnesium sulfate, biological studies 9004-34-6, Blanose
7M8SF, biological studies 9011-14-7, Polymethyl methacrylate
12001-31-9, Bentone 38V 13463-67-7, Titanium dioxide, biological studies
17861-60-8, 3-Ethyl-1,1,1,3,5,5,5-heptamethyltrisiloxane 18138-63-1,
3-Butyl-1,1,1,3,5,5,5-heptamethyltrisiloxane 24937-16-4, Nylon-12
25038-74-8 25265-75-2, Butylene glycol 29054-80-6,
3-Propyl-1,1,1,3,5,5,5-heptamethyltrisiloxane 52845-07-5, Isoeicosane
58958-60-4, Isostearyl neopentanoate 83138-62-9, Polyglyceryl
isostearate 145686-34-6, Abil EM 90 194615-27-5, Mirasil C-DPDM
440121-30-2, Unitwix 444885-34-1, Bentone Gel VS-5V
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(cosmetic composition comprising emulsion containing alkyltrisiloxane)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 18 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:103615 CAPLUS Full-text

DOCUMENT NUMBER: 144:176908

TITLE: Water-in-oil emulsion comprising a
non-volatile non-silicone oil, cationic and nonionic
surfactants, and an alkylmonoglycoside or
alkylpolyglycoside

INVENTOR(S): Fack, Geraldine; Pourille-Grethen, Chrystel

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: U.S. Pat. Appl. Publ., 8 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 20060024258	A1	20060202	US 2005-192083	20050729
FR 2873572	A1	20060203	FR 2004-8537	20040802
FR 2873572	B1	20070309		
EP 1627667	A1	20060222	EP 2005-291631	20050801
EP 1627667	B1	20081001		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK,
BA, HR, IS, YU

BR 2005003279	A	20060502	BR 2005-3279	20050801
AT 409511	T	20081015	AT 2005-291631	20050801
ES 2315818	T3	20090401	ES 2005-291631	20050801
JP 2006045232	A	20060216	JP 2005-223781	20050802

PRIORITY APPLN. INFO.:		FR 2004-8537	A	20040802
		US 2004-609828P	P	20040915

OTHER SOURCE(S): MARPAT 144:176908

ED Entered STN: 03 Feb 2006

- AB A hair composition in the form of an water-in-oil emulsion, containing at least one non-volatile non-silicone oil, at least one cationic surfactant, at least one nonionic surfactant, and from 0.01% to 10% by weight relative to the total weight of the composition of at least one material selected from (C12-30 alkyl)monoglycosides and (C12-30 alkyl)polyglycosides. A water-in-oil emulsion contained iso-Pr myristate 9..25, 3-polyglyceryl isostearate and sorbitan isostearate 0.75, 15% arachidylglucoside 0.15, 80% behenyltrimethylammonium chloride 4, and water q.s. 100%.
- INCL 424070400; 424070280; 424074000
- CC 62-3 (Essential Oils and Cosmetics)
- ST hair emulsion oil cationic nonionic surfactant alkylmonoglycoside alkylpolyglycoside
- IT Alcohols, uses
 RL: NUU (Other use, unclassified); USES (Uses)
 (C1-4; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Glycosides
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (C12-30 alkyl; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Ketones, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (C3-4; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Alkanes, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (C5-10; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Glycosides
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (alkyl polyglycosides, C12-30; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Fats and Glyceridic oils, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (almond; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Fats and Glyceridic oils, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (animal; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Fats and Glyceridic oils, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (apricot kernel; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Fats and Glyceridic oils, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (avocado; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Surfactants
 (cationic; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and

- alkylmonoglycoside or alkylpolyglycoside)
- IT Hair preparations
(conditioners; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Hair preparations
(emulsions; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Fatty acids, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(esters; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Alcohols, biological studies
Fatty acids, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(ethoxylated; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Amides, biological studies
Amines, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(fatty, ethoxylated; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Alcohols, biological studies
Esters, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(fatty; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Oils
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(fluorinated; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Fats and Glyceridic oils, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(grape seed; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Fats and Glyceridic oils, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(hazelnut; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Castor oil
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(hydrogenated, ethoxylated; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Surfactants
(nonionic; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Calophyllum
(oils; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)

- IT Alcohols, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (polyhydric; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Fats and Glyceridic oils, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (sesame; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Fats and Glyceridic oils, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (vegetable, ethoxylated; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Fats and Glyceridic oils, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (vegetable; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Solvents
 (water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Amine oxides
 Castor oil
 Coconut oil
 Corn oil
 Jojoba oil
 Olive oil
 Palm oil
 Paraffin oils
 Peanut oil
 Polyolefins
 Polysiloxanes, biological studies
 Quaternary ammonium compounds, biological studies
 Rape oil
 Safflower oil
 Soybean oil
 Sunflower oil
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT Fats and Glyceridic oils, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (wheat germ; water-in-oil emulsion comprising non-volatile non-silicone oil, cationic and nonionic surfactants, and alkylmonoglycoside or alkylpolyglycoside)
- IT 57-50-1D, Sucrose, esters with fatty acids 64-19-7D,
 Acetic acid, C1-4 alkyl derivs. 110-27-0, Isopropyl myristate 110-71-4
 111-01-3, PerHydrosqualene 112-02-7, Cetyltrimethylammonium chloride
 112-72-1, Myristyl alcohol 112-92-5, Stearyl alcohol 123-95-5, Butyl
 stearate 142-91-6, Isopropyl palmitate 488-43-7D, Glucamine, N-(C6-24
 alkyl) derivs. 629-96-9, Arachidyl alcohol 629-98-1, Erucyl alcohol
 661-19-8, Behenyl alcohol 9005-63-4D, Polyoxyethylene sorbitan, fatty
 esters 17301-53-0, Behenyltrimethylammonium chloride 22766-83-2,
 2-Octyldodecyl myristate 29806-73-3, 2-Ethylhexyl palmitate
 31807-55-3, Isododecane 34316-64-8, Hexyl laurate 34362-27-1,
 2-Hexyldodecyl laurate 36653-82-4, Cetyl alcohol 42131-25-9, Isononyl

isononanoate 58958-60-4, Isostearyl neopentanoate 71902-01-7, Sorbitan
 isostearate 73506-93-1, Diethoxyethane 77752-14-8, Pur-Cellin Oil
 82138-62-9, Polyglyceryl isostearate 105859-93-6, Tridecyl
 neopentanoate 122703-32-6, Methylglucose dioleate 134112-33-7,
 2-Octyldodecyl palmitate 158731-68-1, Arlacel 1690 239797-88-7, Montanov
 202

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (water-in-oil emulsion comprising non-volatile non-silicone
 oil, cationic and nonionic surfactants, and alkylmonoglycoside or
 alkylpolyglycoside)

L36 ANSWER 19 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:1235707 CAPLUS Full-text

DOCUMENT NUMBER: 143:477029

TITLE: Oil-in-water emulsion for delivery in food,
 cosmetic and pharmaceutical systems.

PATENT ASSIGNEE(S): Nestec S.A., Switz.

SOURCE: Eur. Pat. Appl., 12 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1597973	A1	20051123	EP 2004-11749	20040518
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
EP 1598060	A1	20051123	EP 2004-22046	20040916
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
AU 2005244443	A1	20051124	AU 2005-244443	20050518
CA 2565239	A1	20051124	CA 2005-2565239	20050518
WO 2005110370	A1	20051124	WO 2005-EP5411	20050518
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1758556	A1	20070307	EP 2005-779908	20050518
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 1953735	A	20070425	CN 2005-80015930	20050518
BR 2005010147	A	20071002	BR 2005-10147	20050518
JP 2007538040	T	20071227	JP 2007-517083	20050518
US 20070213234	A1	20070913	US 2007-569338	20070130
PRIORITY APPLN. INFO.:			EP 2004-11749	A 20040518
			EP 2004-22046	A 20040916
			WO 2005-EP5411	W 20050518

ED Entered STN: 23 Nov 2005

AB The present invention concerns an oil-in-water emulsion wherein the oil droplets of a diameter in the range of 5 nm to hundreds of micrometers exhibit

a nano-sized structuration with hydrophilic domains with a diameter size in the range of 0.5-50 nm and being formed by a lipophilic additive.

- IC ICM A23D007-01
- ICS A23L001-30; A23L001-22; A61K009-16; A61K009-51
- CC 17-9 (Food and Feed Chemistry)
- Section cross-reference(s): 62, 63
- ST oil water emulsion manuf food cosmetic drug
- IT Monoglycerides
- RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
- (C16-18 and C18-unsatd.; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Monoglycerides
- RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
- (C6-C20 fatty acid-containing; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Polymers, biological studies
- RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
- (block; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Glycerophospholipids
- RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
- (cephalins; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Drug delivery systems
- (emulsions; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Embryophyta
- Plants
- (exts.; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Vitamins
- RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
- (fat-soluble; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Avena sativa
- (lipids of; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Alcohols, biological studies
- RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
- (long-chain; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Proteins
- RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
- (milk; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)

- IT Lipids, biological studies
 - RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
 - (oat; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Cosmetics
 - Dietary supplements
 - Emulsifying agents
 - Food additives
 - Food emulsions
 - Freeze drying
 - Hydrophile-lipophile balance value
 - Hydrophilicity
 - Lipophilicity
 - Odor and Odorous substances
 - Stabilizing agents
 - Surfactants
 - (oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Alcohols, biological studies
 - Carbohydrates, biological studies
 - Cerebrosides
 - Diglycerides
 - Essential oils
 - Esters, biological studies
 - Fatty acids, biological studies
 - Gangliosides
 - Glycerides, biological studies
 - Glycerophospholipids
 - Glycolipids
 - Hydrocarbon oils
 - Hydrocarbons, biological studies
 - Lecithins
 - Linseed oil
 - Lipids, biological studies
 - Monoglycerides
 - Peptides, biological studies
 - Phospholipids, biological studies
 - Polyoxyalkylenes, biological studies
 - Protein hydrolyzates
 - Proteins
 - Sterols
 - Sulfatides
 - Terpenes, biological studies
 - Tocopherols
 - Waxes
 - RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
 - (oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Emulsions
 - (oil-in-water, internally self-assembled (ISAMULSION); oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Flavor
 - Flavoring materials
 - (oils; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)

- IT Sterols
 - RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
 - (phytosterols; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Lipids, biological studies
 - RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
 - (plant lipophilic amphiphilic; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Alcohols, biological studies
 - RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
 - (polyhydric; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Fatty acids, biological studies
 - RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
 - (polyunsatd., α - and γ -; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Drug delivery systems
 - (powders; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Flavor
 - Odor and Odorous substances
 - (precursors; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Proteins
 - RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
 - (soybean; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Drying
 - (spray; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Carbohydrates, biological studies
 - RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
 - (sugar esters; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Carbohydrates, biological studies
 - RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
 - (sugar ethers; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Hydrocolloids
 - (surface active; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Fats and Glyceridic oils, biological studies
 - RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
 - (vegetable, mono-tetraesters with sorbitol; oil-in-water

- emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT Fats and Glyceridic oils, biological studies
 RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
 (vegetable; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT 25322-68-3D, PEG, 5-10 hydrogenated castor oil derivs.
 RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
 (5-10 hydrogenated castor oil; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT 106392-12-5
 RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
 (Poloxamer; oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)
- IT 50-21-5D, Lactic acid, monoglyceride and diglyceride derivs. 50-70-4D, Sorbitol, vegetable oil mono-tetra esters 57-10-3, Palmitic acid, biological studies 57-11-4, Stearic acid, biological studies 57-50-1D, Sucrose, esters 57-55-6D, Propylene glycol, mono- and diesters 57-55-6D, Propylene glycol, mono- and diesters of C6-C20 fatty acids 58-95-7, Tocopheryl acetate 68-19-9, Vitamin B12 110-27-0, Isopropyl myristate 111-62-6, Ethyl oleate 112-80-1, Oleic acid, biological studies 115-83-3, Pentaerythritol tetrastearate 127-40-2, Lutein 127-40-2D, Lutein, esters 142-91-6, Isopropyl palmitate 143-07-7, Lauric acid, biological studies 303-98-0, Co Q10 502-65-8, Lycopene 544-35-4, Ethyl linoleate 544-63-8, Myristic acid, biological studies 1338-39-2, Sorbitan monolaurate 1338-41-6, Sorbitan monostearate 1406-16-2, Vitamin D 3008-50-2, Pentaerythritol caprylate 6829-55-6D, Tocotrienol, derivs. 7235-40-7, β -Carotene 8007-43-0, Sorbitan sesquiolate 8045-34-9, Pentaerythritol stearate 9000-01-5, Gum arabic 9002-92-0 9004-95-9 9004-96-0 9004-98-2 9004-99-3 9005-00-9 9005-07-6 9005-08-7 9005-63-4D, Polyoxyethylene sorbitan, esters 9005-65-6, Tween 80 9011-29-4 10332-32-8 11138-66-2, Xanthan gum 12441-09-7D, Sorbitan, esters 13081-97-5, Pentaerythritol distearate 22882-95-7, Isopropyl linoleate 25322-68-3D, PEG, 3-16 castor oil derivs. 25322-68-3D, PEG, 4-capric/caprylic triglyceride derivs. 25322-68-3D, PEG, 5-20 soya sterols 25322-68-3D, PEG, 6 hydrogenated palm kernel oil derivs. 25322-68-3D, PEG, 6 olive oil derivs. 25322-68-3D, PEG, 6 palm kernel oil derivs. 25322-68-3D, PEG, 6 peanut oil derivs 25322-68-3D, PEG, 6-20 almond oil derivs. 25322-68-3D, PEG, 6-20 corn oil derivs. 25618-55-7D, Polyglycerol, esters 25637-97-2, Sucrose dipalmitate 26266-57-9, Sorbitan monopalmitate 26266-58-0, Sorbitan trioleate 26658-19-5, Sorbitan tristearate 26855-43-6D, Triglycerol monostearate, cholesterol derivs. 27195-16-0, Sucrose distearate 51591-38-9D, Diacetyl tartaric acid, monoglyceride esters 51938-44-4, Sorbitan sesquistearate 54392-26-6, Sorbitan monoisostearate 57828-26-9, Lipic acid 51725-93-7, Polyglyceryl-distearate 69070-98-0 94555-53-0, Pentaerythritol caprate 98913-68-9, Pentaerythritol isostearate 146478-45-7 354575-58-9 403821-12-5 691397-13-4, Pluronic F127
 RL: COS (Cosmetic use); FFD (Food or feed use); PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
 (oil-in-water emulsion for delivery in food, cosmetic and pharmaceutical systems)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 20 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2005:673745 CAPLUS Full-text
 DOCUMENT NUMBER: 143:138670
 TITLE: Low viscosity W/O emulsions without O/W emulsifiers for cosmetic compositions
 INVENTOR(S): Kroepke, Rainer; Heptner, Astrid; Tesch, Mirko; Weingartz, Yvonne; Bleckmann, Andreas; Sugar, Martin
 PATENT ASSIGNEE(S): Beiersdorf Ag, Germany
 SOURCE: Eur. Pat. Appl., 35 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1557153	A1	20050727	EP 2004-106601	20041215
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, BA, HR, IS, YU				
DE 102004002997	A1	20050804	DE 2004-102004002997	20040119
PRIORITY APPLN. INFO.:			DE 2004-102004002997A	20040119
ED Entered STN: 31 Jul 2005				
AB The invention concerns cosmetic and dermacol. compns. based on low viscosity W/O or W/S emulsions that contain only one or more W/O emulsifier; the viscosity of the preps. is 50-2000 mPas, preferably 100-600 mPas. Medium polar or apolar lipids are included with surface tension facing water 20-30 mN/m. Sunscreens, self-tanning formulations and insect repellents are prepared. Thus a composition contained (weight/weight%): alc. 3.00; sodium chloride aqueous solution 0.30; PEG-45-dodecyl glycol copolymer 1.00; polyglyceryl-2 dipolyhydroxystearate 2.00; Cetyl PEG/PPG-10/1 dimethicone 2.50; trisodium EDTA 1.00; methylparaben 0.20; bis-ethylhexyloxyphenol methoxyphenyl triazine 2.00; ethylhexyl triazone 3.00; ethylhexyl methoxycinnamate + BHT 8.00; glycerin 5.00; butylene glycol dicaprylate/dicaprylate 7.00; dicaprylyl carbonate 7.00; perfume 0.20; magnesium sulfate 0.50; cyclomethicone 15.00; water 32.00;.				
IC ICM A61K007-00				
ICS A61K007-42				
CC 62-4 (Essential Oils and Cosmetics)				
Section cross-reference(s): 63				
ST cosmetic emulsion viscosity emulsifier sunscreen insect repellent				
IT Emulsions				
(W/S; low viscosity W/O emulsions without O/W emulsifiers for cosmetic compns.)				
IT Cosmetics				
(emulsions; low viscosity W/O emulsions without O/W emulsifiers for cosmetic compns.)				
IT Castor oil				
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)				
(hydrogenated, ethoxylated; low viscosity W/O emulsions without O/W emulsifiers for cosmetic compns.)				
IT Castor oil				
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)				
(hydrogenated; low viscosity W/O emulsions without O/W emulsifiers for cosmetic compns.)				

- IT Beeswax
Emulsifying agents
Insect repellents
Interfacial tension
Ozocerite
Polarity
Sunscreens
Suntanning agents
Viscosity
Water-resistant materials
(low viscosity W/O emulsions without O/W emulsifiers
for cosmetic compns.)
- IT Lanolin
Lecithins
Lipids, biological studies
Paraffin oils
Polysiloxanes, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(low viscosity W/O emulsions without O/W emulsifiers
for cosmetic compns.)
- IT Hydrocarbon waxes, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(microcryst.; low viscosity W/O emulsions without O/W
emulsifiers for cosmetic compns.)
- IT Cosmetics
(moisturizers; low viscosity W/O emulsions without O/W
emulsifiers for cosmetic compns.)
- IT Emulsions
(water-in-oil; low viscosity W/O emulsions without O/W
emulsifiers for cosmetic compns.)
- IT 79-10-7D, 2-Propenoic acid, esters, polymers
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(acrylate/alkylacrylate polymers; low viscosity W/O emulsions
without O/W emulsifiers for cosmetic compns.)
- IT 57-11-4, Stearic acid, biological studies 65-85-0D, Benzoic acid,
C12-C15 alkyl esters 107-88-0D, 1,3-Butanediol, C8-10 fatty
acid esters 1330-70-7 1680-31-5, Dicaprylyl carbonate
5466-77-3, 2-Ethylhexyl-4-methoxycinnamate 9007-46-1,
Polyglyceryl-Oleate 13463-67-7, Titanium dioxide, biological studies
27503-81-7 34316-64-8, Hexyl laurate 37318-79-9, Sorbitanoleate
56451-84-4, Sorbitan stearate 61332-02-3, Glycerylisostearate
63705-03-3, Polyglyceryl-Diisostearate 70356-09-1 71902-01-7, Sorbitan
isostearate 83138-62-9, Polyglyceryl isostearate 88122-99-0
98913-68-9, Pentaerythritol isostearate 106392-12-5, Poloxamer 101
122703-32-6, Methylglucose dioleate 144470-58-6, Polyglyceryl
dipolyhydroxystearate 145686-34-6, Cetyl dimethicone copolyol
146478-45-7, Polyglyceryl dioleate 191419-26-8 403641-07-6, Dragophos
S 2/918501
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(low viscosity W/O emulsions without O/W emulsifiers
for cosmetic compns.)
- REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT
- L36 ANSWER 21 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:672606 CAPLUS Full-text
DOCUMENT NUMBER: 143:158755
TITLE: Simulated vernix compositions for skin cleansing
INVENTOR(S): Hoath, Steven B.; Pickens, William L.; Visscher,
Martha O.; Tansirikongkol, Anyarporn; Wickett, Richard

Dennis Heyer 10/580,575

PATENT ASSIGNEE(S): Randall
Children's Hospital Medical Center, USA; University of Cincinnati
SOURCE: U.S. Pat. Appl. Publ., 39 pp., Cont.-in-part of U.S. Ser. No. 512,933.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20050163812	A1	20050728	US 2005-38362	20050119
WO 2003092646	A1	20031113	WO 2003-US13612	20030502
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 20050232890	A1	20051020	US 2005-512933	20050510
PRIORITY APPLN. INFO.:			US 2002-377430P	P 20020503
			US 2003-439966P	P 20030114
			WO 2003-US13612	W 20030502
			US 2005-512933	A2 20050510

ED Entered STN: 29 Jul 2005

AB A composition and a method of producing a composition which simulates hydration, cleansing and other properties of native vernix are disclosed. The composition contains hydrated synthetic cells in a lipid matrix to provide properties which are substantially similar to those of native vernix, and may also contain proteins. The composition contains water-in-oil emulsified particles providing water vapor transport and evaporative water loss properties simulating native vernix. The composition contains cubosomes/water with up to 30% protein and 5-30% lipid. The composition may be used to cleanse newborn skin, compromised skin surfaces, as well as normal skin, to provide hydration/barrier function, and other applications.

IC ICM A61K009-00

INCL 424400000

CC 62-4 (Essential Oils and Cosmetics)

IT Beeswax

Emulsifying agents

Hydrophile-lipophile balance value

Newborn

Skin

(simulated vernix compns. for skin cleansing)

IT Ceramides

Fatty acids, biological studies

Glycerides, biological studies

Lanolin

Lipids, biological studies

Paraffin oils

Petrolatum

Phospholipids, biological studies

Waxes

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(simulated vernix compns. for skin cleansing)
 IT 56-81-5, Glycerin, biological studies 57-88-5, Cholest-5-en-3-ol
 (3 β)-, biological studies 57-88-5D, Cholesterol, esters 60-33-3,
 Linoleic acid, biological studies 94-13-3, Propylparaben 99-76-3,
 Methylparaben 111-02-4, Squalene 112-92-5, 1-Octadecanol 1256-86-6,
 Cholesterol sulfate 7487-88-9, Magnesium sulfate, biological studies
 8007-43-0 9007-48-1 63705-03-3, Polyglyceryl diisostearate
 63138-62-9, Polyglyceryl isostearate 110734-66-2, Abil WE 09
 145686-34-6, Cetyl dimethicone copolyol 206451-21-0 338741-74-5,
 Ceramide III 827596-80-5, Arlacel P 135
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (simulated vernix compns. for skin cleansing)

L36 ANSWER 22 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:441221 CAPLUS Full-text

DOCUMENT NUMBER: 146:427801

TITLE: UV-photoprotecting composition containing silicones

AUTHOR(S): Anon.

CORPORATE SOURCE: USA

SOURCE: IP.com Journal (2004), 4(10), 19 (No.

IPCOM000031164D), 15 Sep 2004

CODEN: IJPOBX; ISSN: 1533-0001

PUBLISHER: IP.com, Inc.

DOCUMENT TYPE: Journal; Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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IP 31164D		20040915	IP 2004-31164D	20040915
PRIORITY APPLN. INFO.:			IP 2004-31164D	20040915

ED Entered STN: 25 May 2005

AB Described is the use of an effective UV-photoprotecting composition that
 contains at least one micronized organic insol. UV-screening agent with a mean
 particle size from 0.01 μ m to 2 μ m in cosmetic or pharmaceutical W/O or W/Si
 preps.

CC 62-4 (Essential Oils and Cosmetics)

Section cross-reference(s): 63

ST silicone UV photoprotectant cosmetic emulsion

IT Cosmetic emulsions

Emulsifying agents

Pharmaceutical emulsions

Photoprotectants

(UV-photoprotecting composition containing silicones)

IT Fatty acids, biological studies

RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological study);

USES (Uses)

(rape-oil, esters with sorbitol, Emulsogen SRO;

UV-photoprotecting composition containing silicones)

IT Emulsions

(water-in-oil; UV-photoprotecting composition containing silicones)

IT 56-81-5, Glycerin, biological studies 57-55-6, Propylene Glycol,
 biological studies 77-92-9, Citric Acid, biological studies 110-27-0,
 Tegosoft M 111-01-3, Pripure 3759 541-02-6, DC 345 557-04-0,
 Magnesium Stearate 2116-84-9, DC 556 2915-53-9, Bernel Ester DCM
 3687-46-5, Tegosoft DO 5466-77-3, Tinosorb OMC 9002-92-0, Rhodasurf L
 790 10034-99-8, Magnesium Sulfate heptahydrate 42557-10-8, DC 200
 54846-79-6, Arlatone T 60842-32-2, Aerosil R 972 83138-62-9,
 Isolane GI 34 103597-45-1, Tinosorb M 109485-61-2, Arlamol HD

141732-90-3, Nikkol Hexaglyn PR 15 144747-22-8, Nikkol Decaglyn SHS
 156327-07-0, Dow Corning 5562 158731-68-1, Arlancel 1689 165745-27-7,
 Germall Plus 170211-20-8, Hostacerin DGI 197527-61-0, Crodamol AB
 217434-83-8, Isolan PDI 217468-44-5, Arlamol S7 240418-70-6, SF 1555
 644994-67-2, Nexbase 2004FG 886997-61-1, Elfacos ST 9 896711-99-2,
 Tegosoft TN 934409-33-3, Sympatens W 4500 934409-45-7, Belsil VSR
 100VP

RL: COS (Cosmetic use); THU (Therapeutic use); BIOL (Biological
 study); USES (Uses)

(UV-photoprotecting composition containing silicones)

L36 ANSWER 23 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:1154308 CAPLUS [Full-text](#)

DOCUMENT NUMBER: 142:79600

TITLE: Cosmetic deodorant compositions containing a
 semi-crystalline polymer

INVENTOR(S): Prud'homme, Estelle; Douin, Veronique

PATENT ASSIGNEE(S): L'oreal, Fr.

SOURCE: Eur. Pat. Appl., 15 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1491182	A2	20041229	EP 2004-291237	20040514
EP 1491182	A3	20050622		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
US 20050031565	A1	20050210	US 2004-874733	20040624
PRIORITY APPLN. INFO.:			FR 2003-7804	A 20030627
			US 2003-516739P	P 20031104

ED Entered STN: 30 Dec 2004

AB Cosmetic deodorant compns. contain a semi-crystalline polymer. Thus, a
 formulation contained cetyl PEG/PPG dimethicone 1.50, polyglyceryl isostearate
 0.50, isohexadecane 15.50, polybehenyl acrylate 1.50, cyclohexasiloxane 8.28,
 Expancel-551 1.00, aluminum chlorohydrate 40.00, aluminum starch octenyl
 succinate 3.00, perfume 0.10, and water 28.85%.

IC ICM A61K007-32

CC 62-4 (Essential Oils and Cosmetics)

IT Cosmetics

(emollients; cosmetic deodorant compns. containing semi-crystalline
 polymer)

IT Fatty acids, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(esters, with polyols; cosmetic deodorant compns. containing semi-
 crystalline

polymer)

IT 57-55-6D, Propylene glycol, complexes with aluminum salts 72-17-3,
 Sodium lactate 74-85-1D, Ethylene, polymers with acrylates 79-10-7D,
 Acrylic acid, polymers 79-41-4D, Methacrylic acid, polymers 97-65-4D,
 Itaconic acid, polymers 100-42-5D, Styrene, alkyl derivs., polymers
 108-31-6D, Maleic anhydride, polymers 110-16-7D, Maleic acid, polymers
 295-01-2, Cyclohexasiloxane 1327-41-9, Aluminum hydroxychloride
 3724-65-0D, Crotonic acid, polymers 7429-90-5D, Aluminum, salts
 7440-67-7D, Zirconium, salts 9002-88-4, Polyethylene 9005-25-8,
 Starch, biological studies 10043-01-3, Aluminum sulfate 10119-31-0,
 Zirconium hydroxychloride 10284-64-7, Aluminum dichlorohydrate

12173-47-6, Hectorite 18917-91-4, Aluminum lactate 24937-16-4, Orgasol
2002EXD 25322-68-3D, Polyethylene glycol, complexes with aluminum salts
25986-77-0 30399-84-9D, Isoseostearic acid, ester with polyols 37225-44-8
53026-85-0, Aluminum chlorohydrate 53026-85-0D, Aluminum chlorohydrate,
complexes 60908-77-2, Isohexadecane 83138-62-9, Polyglyceryl
isostearate 98106-52-6, Aluminum zirconium tetrachlorohydrate
98106-53-7, Aluminum zirconium trichlorohydrate 98106-55-9, Aluminum
zirconium octachlorohydrate 114654-13-6, Expancel 551 125913-22-6,
Aluminum zirconium pentachlorohydrate glycine 134375-99-8, Aluminum
Zirconium Trichlorohydrate Gly 134910-86-4, Aluminum Zirconium
Tetrachlorohydrate Gly 145686-34-6, Abil EM90 173762-83-9, Aluminum
zirconium pentachlorohydrate 173763-15-0, Aluminum sesquichlorohydrate
174514-58-0, Aluminum Zirconium Octachlorohydrate Gly 221694-42-4D,
Aluminum sesquichlorohydrate PEG, complexes 773082-14-7D, Aluminum
dichlorohydrate, complexes
RL: COS (Cosmetic use): BIOL (Biological study): USES (Uses)

(cosmetic deodorant compns. containing semi-crystalline polymer)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 24 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:1060493 CAPLUS Full-text

DOCUMENT NUMBER: 142:43468

TITLE: Sunscreen compositions containing a glucoside emulsifier

INVENTOR(S): Huerta, Jose L.; Sanoqueira, James; Fuller, Jennifer

PATENT ASSIGNEE(S): Playtex Products, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 8 pp., Cont.-in-part of U.S.

Ser. No. 957,920.

CODEN: USXXCO

Patent

DOCUMENT TYPE:

English

FAMILY AC

PATENT INFORMATION:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20040247543	A1	20041209	US 2004-836308	20040430
US 7416719	B2	20080826		
US 20030059383	A1	20030327	US 2001-957920	20010921
US 6830746	B2	20041214		

PRIORITY APPLN. INFO.:

US 2001-957920 A2 20010921

ED Entered STN: 10 Dec 2004

AB The present invention is a sunscreen composition that has at least one sunscreen agent and at least one glucoside emulsifier such as lauryl glucoside. The composition also has water. Preferably, the sunscreen composition also has at least one of the following addnl. components: an emulsifier other than glucoside, emollient, skin-feel additive, moisturizing agent, film former/waterproofing agent, pH adjuster/chelating agent, preservative, or any combinations thereof. The composition is a stable oil-in-water emulsion.

IC ICM A61K007-42

INCL 424059000

CC 62-4 (Essential Oils and Cosmetics)

ST sunscreen emulsion glucoside emulsifier

IT Alcohols, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(C16-18: sunscreen comps. containing a glucoside emulsifier)

IT Cyclosiloxanes

RL: COS (Cosmetic use); MOA (Modifier or additive use); BIOL (Biological

study); USES (Uses)
 (di-Me; sunscreen compns. containing a glucoside emulsifier)

IT Fatty acids, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (esters; sunscreen compns. containing a glucoside emulsifier)

IT Aloe barbadensis
 (exts.; sunscreen compns. containing a glucoside emulsifier)

IT Lanolin
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (oil; sunscreen compns. containing a glucoside emulsifier)

IT Petrolatum
 RL: COS (Cosmetic use); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
 (red; sunscreen compns. containing a glucoside emulsifier)

IT Emulsifying agents
 Sunscreens
 (sunscreen compns. containing a glucoside emulsifier)

IT Castor oil
 Cocoa butter
 Coconut oil
 Glycerides, biological studies
 Glycosides
 Jojoba oil
 Lanolin
 Olive oil
 Paraffin oils
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (sunscreen compns. containing a glucoside emulsifier)

IT 21245-02-3, Octyl dimethyl PABA
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (Octyl di-Me PABA; sunscreen compns. containing a glucoside emulsifier)

IT 95-14-7, 1H-Benzotriazole 118-56-9, Homosalate 118-60-5, Octyl salicylate 131-53-3, Benzophenone-8 131-54-4, Benzophenone-6 131-55-5, Benzophenone-2 131-56-6, Benzophenone-1 131-57-7, Benzophenone-3 134-20-3, Methyl anthranilate 136-44-7, Glyceryl PABA 150-13-0, Paba 1314-13-2, Zinc oxide, biological studies 1843-05-6, Benzophenone-12 2174-16-5 4065-45-6, Benzophenone-4 5466-77-3, Octyl methoxycinnamate 6197-30-4, Octocrylene 27503-81-7, 2-Phenylbenzimidazole-5-sulfonic acid 36861-47-9, 3-(4-Methylbenzylidene)camphor 70356-09-1, Avobenzene 79461-57-7 103597-45-1
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (sunscreen compns. containing a glucoside emulsifier)

IT 93-83-4, Oleamide DEA 126-58-9D, Dipentaerythritol, fatty acid esters 137-16-6, Sodium lauroyl sarcosinate 661-19-8, Behenyl alcohol 2915-53-9, Dicapryl maleate 8007-43-0, Sorbitan sesquioleate 9003-39-8D, Pvp, butylated 9006-65-9, Dimethicone 9007-48-1, Polyglycerol oleate 11099-07-3, Glyceryl stearate 13557-75-0 25618-55-7D, Polyglycerol, fatty acid esters 26266-58-0, Sorbitan trioleate 27014-42-2 27836-64-2, Lauryl glucoside 36653-82-4, Cetyl alcohol 37318-79-9, Sorbitan oleate 37350-42-8 63705-03-3, Polyglycerol diisostearate 100359-41-9, Glyceryl stearate citrate 138342-00-4 227755-70-6 290346-00-8 804553-21-7
 RL: COS (Cosmetic use); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
 (sunscreen compns. containing a glucoside emulsifier)

REFERENCE COUNT: 60 THERE ARE 60 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 25 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2004:1036869 CAPLUS Full-text
 DOCUMENT NUMBER: 142:11207
 TITLE: Hair care emulsions comprising nonionic surfactants in oil phase
 INVENTOR(S): Ishikubo, Akira; Kawasoe, Tomoyuki; Takeda, Shunsuke
 PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan
 SOURCE: PCT Int. Appl., 25 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004103324	A1	20041202	WO 2004-JP7532	20040526
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
JP 2004346047	A	20041209	JP 2003-147185	20030526
JP 4010980	B2	20071121		
JP 2005089366	A	20050407	JP 2003-324603	20030917
CN 1794965	A	20060628	CN 2004-80014517	20040526
US 20070274943	A1	20071129	US 2007-558202	20070118
PRIORITY APPLN. INFO.:			JP 2003-147185	A 20030526
			JP 2003-324603	A 20030917
			WO 2004-JP7532	W 20040526

ED Entered STN: 03 Dec 2004

AB A hair care emulsion comprises a nonionic surfactant being solid at ordinary temps. and having a Krafft point of 40°C or above, an oil, and water with the mean particle diameter of dispersoids being 0.5 µm or below. A hair care emulsion consists of an oil-in-water emulsion containing as the oil phases the following 2 kinds of oil phases: (1) an oil phase made of a nonionic surfactant which is solid at ordinary temps. and has a Krafft point of 40°C or above and having a mean particle diameter of 0.5 µm or below and (2) an oil phase made of a surfactant and/or an alkyl-modified carboxyvinyl polymer and having a mean particle diameter of 0.5 to 100µm. For example, a hair cream contained ethanol 10, carboxyvinyl polymer 0.35, NaOH 0.2, phenoxyethanol q.s., trisodium edetate q.s., polyoxyethylene-polyoxypropylene copolymer Me ether 1, glycerin 2, dipropylene glycol 2, diglycerin 1, sucrose monostearate 2, dimethylpolysiloxane 10, high-mol. weight dimethylpolysiloxane 1, polyoxyethylene-polyoxypropylene-methylpolysiloxane copolymer 1, and distilled water balance to 100 %.

IC ICM A61K007-06

CC 62-3 (Essential Oils and Cosmetics)

ST hair emulsion nonionic surfactant sucrose ester polysiloxane

IT Fatty acids, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (C16-18, esters with sucrose; hair care emulsions comprising

nonionic surfactants in oil phase)

IT Vinyl compounds, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (carboxy-containing, polymers; hair care emulsions comprising
 nonionic surfactants in oil phase)

IT Hair preparations
 (creams; hair care emulsions comprising nonionic surfactants
 in oil phase)

IT Hair preparations
 (emulsions; hair care emulsions comprising nonionic
 surfactants in oil phase)

IT Krafft point
 (hair care emulsions comprising nonionic surfactants in oil
 phase)

IT Polysiloxanes, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (hair care emulsions comprising nonionic surfactants in oil
 phase)

IT Hair preparations
 (mousses; hair care emulsions comprising nonionic surfactants
 in oil phase)

IT Hair preparations
 (sprays; hair care emulsions comprising nonionic surfactants
 in oil phase)

IT 57-50-1D, Sucrose, fatty acid esters 9009-32-9
 , Polyglycerin stearate 9016-00-6, Dimethylpolysiloxane 9062-04-8,
 Synthalen L 25168-73-4, Sucrose monostearate 25496-92-8, Sucrose
 monooleate 25618-55-7D, Polyglycerin, fatty acid
 esters 31900-57-9, Dimethylsilanediol homopolymer
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (hair care emulsions comprising nonionic surfactants in oil
 phase)

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 26 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:5108 CAPLUS Full-text
 DOCUMENT NUMBER: 140:64706
 TITLE: Cosmetic foundations comprising an oil-in-water
 emulsion
 INVENTOR(S): Gardel, Nadia; Barrois, Veronique
 PATENT ASSIGNEE(S): L'Oreal, Fr.
 SOURCE: Eur. Pat. Appl., 19 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1374835	A1	20040102	EP 2003-11823	20030526
EP 1374835	B1	20050824		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
FR 2841464	A1	20040102	FR 2002-7937	20020626
FR 2841464	B1	20060127		
FR 2841465	A1	20040102	FR 2002-12190	20021002
FR 2841465	B1	20060127		
AT 302578	T	20050915	AT 2003-11823	20030526

Dennis Heyer 10/580,575

ES 2248673	T3	20060316	ES 2003-11823	20030526
KR 2004002712	A	20040107	KR 2003-41701	20030625
KR 542066	B1	20060110		
JP 2004026833	A	20040129	JP 2003-181606	20030625
CN 1471903	A	20040204	CN 2003-148766	20030625
CN 1237956	C	20060125		
US 20050008592	A1	20050113	US 2003-603698	20030626
PRIORITY APPLN. INFO.:			FR 2002-7937	A 20020626
			FR 2002-12190	A 20021002
			US 2002-401028P	P 20020806

ED Entered STN: 05 Jan 2004

AB Cosmetic foundations comprise an oil-in-water emulsion made up of a lipophilic phase, an aqueous phase, a C8-22 alkyl dimethicone copolyol, a dimethicone copolyol, and hydrophobic coated pigments. The foundation is stable for 2 mo at 25°. A cosmetic foundation contained isododecane 13, cyclopentasiloxane 16, cyclohexasiloxane 8, polydimethylsiloxane (DC 200 Fluid) 2, isoeicosane 3, cetyl dimethicone copolyol 0.8, dimethicone copolyol (KP6017) 5, polyglycerol isostearate 0.6, hectorite 1.4, and perfluoroalkylphosphate-coated iron oxide 2, nylon powder 4, butylene glycol 10, sodium chloride 0.7, preservatives and water qs to 100 g.

IC ICM A61K007-02

CC 62-4 (Essential Oils and Cosmetics)

ST cosmetic foundation emulsion dimethicone copolyol pigment; oil water cosmetic foundation polysiloxane

IT Amino acids, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (N-acyl; cosmetic foundations comprising oil-in-water emulsion)

IT Pearl
 (cosmetic foundations comprising oil-in-water emulsion)

IT Fatty acids, biological studies
 Hydrocarbon oils
 Lecithins
 Mica-group minerals, biological studies
 Oxides (inorganic), biological studies
 Polysiloxanes, biological studies
 Soaps
 Waxes
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (cosmetic foundations comprising oil-in-water emulsion)

IT Polyoxyalkylenes, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (di-Me, Me hydrogen polysiloxane; cosmetic foundations comprising oil-in-water emulsions)

IT Polysiloxanes, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (di-Me, Me hydrogen, polyoxyalkylene; cosmetic foundations comprising oil-in-water emulsions)

IT Polysiloxanes, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (di-Me, hydroxyalkyl Me, ethoxylated; cosmetic foundations comprising oil-in-water emulsion)

IT Silanes
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (fluoroalkyl; cosmetic foundations comprising oil-in-water emulsion)

IT Cosmetics
 (foundations; cosmetic foundations comprising oil-in-water emulsion)

IT 107-46-0, Hexamethyl disiloxane 107-51-7, OctaMethyl trisiloxane

116-15-4D, Hexafluoropropylene, derivs. 141-62-8, Decamethyl tetrasiloxane 141-63-9, Dodecamethyl pentasiloxane 355-42-0, Tetradecafluorohexane 540-97-6, Dodecamethyl Cyclohexasiloxane 541-02-6, Decamethyl cyclopentasiloxane 556-67-2, Octamethyl cyclotetrasiloxane 678-26-2, Dodecafluoropentane 1332-37-2, Iron oxide, biological studies 1873-90-1, Heptamethyl hexyltrisiloxane 7787-59-9, Bismuth oxychloride 9016-00-6, Polydimethylsiloxane 10101-66-3, Manganese violet 12240-15-2, Prussian blue 13463-67-7, Titanium dioxide, biological studies 17955-88-3, Heptamethyloctyl trisiloxane 131807-55-3, Isododecane 31900-57-9, Polydimethylsiloxane 34464-38-5, Isodecane 42557-10-8, DC 200 51000-94-3, Decafluoropentane 57455-37-5, Ultramarine blue 60908-77-2, Isohexadecane 74428-80-1 83138-62-9, Polyglycerol isostearate 154586-34-6, Cetyl dimethicone copolyol 163702-05-4 163702-07-6

RL: COS {Cosmetic use}; BIOL (Biological study); USES (Uses)

(cosmetic foundations comprising oil-in-water emulsion)

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 27 OF 35 CAPLUS COPYRIGHT 2009 ACS ON STN

ACCESSION NUMBER: 2003:1006734 CAPLUS Full-text

DOCUMENT NUMBER: 140:47048

TITLE: Cosmetic makeup compositions containing silicones

INVENTOR(S): Lu, Shaoxiang

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: PCT Int. Appl., 125 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 22

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003105798	A1	20031224	WO 2003-US18503	20030612
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, BG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 20030235548	A1	20031225	US 2002-166648	20020612
AU 2003245456	A1	20031231	AU 2003-245456	20030612
EP 1524961	A1	20050427	EP 2003-739096	20030612
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1658829	A	20050824	CN 2003-813453	20030612
JP 2006502101	T	20060119	JP 2004-512704	20030612
WO 2005060922	A1	20050707	WO 2003-US39502	20031212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,				

BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003297905	A1	20050714	AU 2003-297905	20031212
US 20070231287	A1	20071004	US 2007-684703	20070312
PRIORITY APPLN. INFO.:			US 2002-166648	A 20020612
			WO 2003-US18503	W 20030612
			WO 2003-US39502	A 20031212

ED Entered STN: 26 Dec 2003

AB A cosmetic makeup emulsion for comprises an aqueous phase and a liquid fatty phase dispersed one within the other, the liquid fatty phase containing at least 1 silicone oil and being structured with at least one gelling polymer (homopolymer or copolymer) with an average mol. weight of 500-500,000. The polymer contains one moiety comprising at least one polyorganosiloxane group, composed of 1-1000 organosiloxane units in the chain of the moiety or in the form of a graft, and, at least 2 groups capable of establishing hydrogen interactions chosen, e.g., from among the ester, amide, sulfonamide, carbamate, and combinations thereof. Thus, a foundation contained 5 phases: Phase A; cyclopentasiloxane and dimethicone copolyol 8.0, polyglyceryl isostearate and hexyl laurate and cetyl (PPG/PEG) (1:10) dimethicone 3.5, and pigments 9.9%; Phase B1; cyclopentasiloxane 16.1, polyamide-polysiloxane 1.0, silicone-acrylates 12.0, Polytrap/cyclopentasiloxane 1.0, MA crosslinked polymer 4.0, and Nylon-12 1.0%; Phase B3; preservatives 0.4, disteardimonium hectorite 0.6, and propylene carbonate 0.2%; Phase C; water 40.0, MgSO4 1.0, methylparaben 0.7, and nonionic emulsifier 0.5%.

IC ICM A61K007-48

CC 62-4 (Essential Oils and Cosmetics)

IT Section cross-reference(s): 63

IT Cosmetics

IT (emollients; cosmetic makeup compns. containing silicones)

IT Cosmetics

IT (emulsions; cosmetic makeup compns. containing silicones)

IT Fatty acids, biological studies

IT RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

IT (essential; cosmetic makeup compns. containing silicones)

IT 50-81-7, Vitamin C, biological studies 141-62-8, Decamethyltetrasiloxane 141-63-9, Dodecamethylpentasiloxane 294-40-6, Cyclopentasiloxane 540-97-6, Dodecamethylcyclohexasiloxane 556-67-2, Octamethylcyclotetrasiloxane 1314-13-2, Zinc oxide, biological studies 1332-37-2, Iron oxide, biological studies 1406-16-2, Vitamin D 1406-18-4, Vitamin E 3305-68-8, Trioctyl phosphate 9011-14-7, Poly(methyl methacrylate) 9016-00-6, Polydimethyl siloxane 11103-57-4, Vitamin A 13463-67-7, Titanium oxide, biological studies 17955-88-3, Heptamethyloctyltrisiloxane 24937-16-4, Nylon-12 25038-74-8 26246-91-3, Polyvinyl laurate 31900-57-9, Polydimethyl siloxane 34316-64-8, Hexyl laurate 34316-62-9, Polyglyceryl isostearate 304430-48-6 477938-38-8

IT RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

IT (cosmetic makeup compns. containing silicones)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 28 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:867937 CAPLUS Full-text

DOCUMENT NUMBER: 139:354156

TITLE: Water-in-oil makeup emulsions

INVENTOR(S): Simonnet, Jean-Thierry; Verloo, Aurore; Ozee, Emmanuelle

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: Eur. Pat. Appl., 14 pp.

DOCUMENT TYPE: CODEN: EPXXDW
 LANGUAGE: Patent
 French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1358870	A1	20031105	EP 2003-290847	20030404
EP 1358870	B1	20060614		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
FR 2839259	A1	20031107	FR 2002-5512	20020502
FR 2839259	B1	20060224		
AT 329568	T	20060715	AT 2003-290847	20030404
ES 2266745	T3	20070301	ES 2003-290847	20030404
JP 2003321345	A	20031111	JP 2003-126655	20030501
JP 3950078	B2	20070725		
US 20040009131	A1	20040115	US 2003-426630	20030501
US 20050031560	A9	20050210		
PRIORITY APPLN. INFO.:			FR 2002-5512	A 20020502
			US 2002-393115P	P 20020703
ED	Entered SIN: 06 Nov 2003			
AB	Cosmetic makeup emulsions (foundations) comprise an aqueous phase and an oily phase, an alkyl C8-22 dimethicone copolyol (5%), and pigments encapsulated in hydrophobic substances. Thus, a formulation in the oily phase contained cyclohexasiloxane 33, Abil EM-90 4, iron oxides encapsulated in disodium stearoyl glutamate 7, TiO2 encapsulated in disodium stearoyl glutamate, Hectorite 0.7, and Aerosil R972 0.6 g; an aqueous phase comprised glycerol 3, NaCl 0.5, preservative qs and water qs to 100 g. The 2 phases were mixed to give a cosmetic foundation formulation.			
IC	ICM A61K007-48			
	ICS A61K007-42; A61K007-06; A61K007-02			
CC	62-4 (Essential Oils and Cosmetics)			
ST	makeup emulsion water oil; dimethicone copolyol makeup emulsion			
IT	Fats and Glyceridic oils, biological studies			
	RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (Arara; water-in-oil makeup emulsions)			
IT	Fats and Glyceridic oils, biological studies			
	RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (Calophyllum; water-in-oil makeup emulsions)			
IT	Isoalkanes			
	RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (C8-16; water-in-oil makeup emulsions)			
IT	Amino acids, biological studies			
	RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (acyl; water-in-oil makeup emulsions)			
IT	Fats and Glyceridic oils, biological studies			
	RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (almond; water-in-oil makeup emulsions)			
IT	Fats and Glyceridic oils, biological studies			
	RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (apricot kernel; water-in-oil makeup emulsions)			
IT	Fats and Glyceridic oils, biological studies			
	RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (avocado; water-in-oil makeup emulsions)			
IT	Polyoxyalkylenes, biological studies			
	RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (di-Me, Me hydrogen polysiloxane; water-in-oil makeup			

- emulsions)
- IT Polysiloxanes, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (di-Me, Me hydrogen, polyoxyalkylene-; water-in-oil makeup emulsions)
- IT Cosmetics
 - (emollients; water-in-oil makeup emulsions)
- IT Cosmetics
 - (emulsions; water-in-oil makeup emulsions)
- IT Lanolin
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (esters; water-in-oil makeup emulsions)
- IT Glycols, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (ethers; water-in-oil makeup emulsions)
- IT Alcohols, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (fatty; water-in-oil makeup emulsions)
- IT Phosphates, biological studies
 - Silanes
 - Silazanes
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (fluoroalkyl; water-in-oil makeup emulsions)
- IT Cosmetics
 - (foundations; water-in-oil makeup emulsions)
- IT Ethers, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (glycol; water-in-oil makeup emulsions)
- IT Fats and Glyceridic oils, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (grape seed; water-in-oil makeup emulsions)
- IT Cosmetics
 - (makeups; water-in-oil makeup emulsions)
- IT Fats and Glyceridic oils, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (mink; water-in-oil makeup emulsions)
- IT Cosmetics
 - (moisturizers; water-in-oil makeup emulsions)
- IT Polysiloxanes, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (polyether-, perfluoro; water-in-oil makeup emulsions)
- IT Fluoropolymers, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (polyether-polysiloxane-; water-in-oil makeup emulsions)
- IT Polysiloxanes, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (polyoxyalkylene-, graft; water-in-oil makeup emulsions)
- IT Polyoxyalkylenes, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (polysiloxane-, graft; water-in-oil makeup emulsions)
- IT Polyethers, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (polysiloxane-, perfluoro; water-in-oil makeup emulsions)
- IT Alcohols, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (primary; water-in-oil makeup emulsions)
- IT Fats and Glyceridic oils, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (sesame; water-in-oil makeup emulsions)
- IT Fats and Glyceridic oils, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(turtle; water-in-oil makeup emulsions)

- IT Antioxidants
- Gelation agents
- Perfumes
- Pigments, nonbiological
- Preservatives
- Radical scavengers
- Sequestering agents
- Skin
- Stabilizing agents
- Thickening agents
(water-in-oil makeup emulsions)
- IT Amino acids, biological studies
- Canola oil
- Castor oil
- Corn oil
- Cottonseed oil
- Fatty acids, biological studies
- Fluoropolymers, biological studies
- Glycols, biological studies
- Hydrocarbon oils
- Jobba oil
- Lecithins
- Mica-group minerals, biological studies
- Olive oil
- Oxides (inorganic), biological studies
- Palm oil
- Paraffin oils
- Petrolatum
- Polyamides, biological studies
- Polyesters, biological studies
- Polysiloxanes, biological studies
- Soaps
- Soybean oil
- Sunflower oil
- RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(water-in-oil makeup emulsions)
- IT 13463-67-7, Titanium oxide, biological studies
- RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(mica-coated; water-in-oil makeup emulsions)
- IT 9004-34-6, Cellulose, biological studies
- RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(microcryst.; water-in-oil makeup emulsions)
- IT 57-10-3, Palmitic acid, biological studies 57-11-4, Stearic acid,
biological studies 57-11-4D, Stearic acid, esters 60-33-3, Linoleic
acid, biological studies 110-27-0, Isopropyl myristate 111-01-3,
Perhydroqualene 112-80-1, Oleic acid, biological studies 112-80-1D,
Oleic acid, esters 112-85-6, Behenic acid 112-92-5, Stearyl alcohol
123-95-5, Butyl stearate 142-82-5, Heptane, biological studies
142-91-6, Isopropyl palmitate 143-07-7D, Lauric acid, esters 143-28-2,
Oleyl alcohol 428-59-1, Hexafluoropropylene oxide 463-40-1, Linolenic
acid 471-34-1, Calcium carbonate, biological studies 506-43-4,
Linoleyl alcohol 506-44-5, Linolenyl alcohol 540-84-1, Isooctane
541-02-6, Decamethylcyclopentasiloxane 544-63-8, Myristic acid,
biological studies 546-93-0, Magnesium carbonate 556-67-2,
Octamethylcyclotetrasiloxane 1309-37-1, Iron oxide, biological studies
1873-90-1, Heptamethylhexyltrisiloxane 2090-64-4, Magnesium hydrogen
carbonate 2915-57-3 6938-94-9, Diisopropyl adipate 7631-86-9,
Silica, biological studies 7787-59-9, Bismuth oxychloride 9002-84-0,

Teflon 9002-88-4, Polyethylene 9005-25-8, Starch, biological studies
 9016-00-6, Polydimethyl siloxane 10043-11-5, Boron nitride, biological
 studies 10101-66-3, Manganese violet 12240-15-2, Prussian blue
 14807-96-6, Talc, biological studies 17955-88-3,
 Heptamethyloctyltrisiloxane 22766-83-2, 2-Octyldodecyl myristate
 26942-95-0, Glyceryl triisostearate 27458-93-1, IsoStearyl alcohol
 29806-73-3, 2-Ethylhexyl palmitate 30399-84-9, Isostearic acid
 31807-55-3, Isododecane 31900-57-9, Polydimethyl siloxane 34316-64-8,
 Hexyl laurate 34362-27-1, 2-Hexyldodecyl laurate 34464-38-5, Isodecane
 34513-50-3, Octyldodecanol 36653-82-4, Cetanol 38079-62-8, Disodium
 stearyl glutamate 42131-25-9, Isononyl isononanoate 57455-37-5,
 Ultramarine blue 57568-20-4, 2-Octyldodecyl lactate 60908-77-2,
 Isohexadecane 61417-49-0 81230-05-9, Diisostearyl malate
 82138-62-9, Polyglyceryl isostearate 110734-66-2, Abil WE 09
 120486-24-0, DiGlyceryl triisostearate 134112-33-7, 2-Octyldodecyl
 palmitate 145686-34-6, Cetyl Dimethicone copolyol
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (water-in-oil makeup emulsions)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 29 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:550042 CAPLUS Full-text

DOCUMENT NUMBER: 140:240587

TITLE: Formulation of ceramides - a fundamental analysis

AUTHOR(S): Dietz, T.; Hameyer, P.

CORPORATE SOURCE: Goldschmidt AG, Essen, 45127, Germany

SOURCE: SOFW Journal (2003), 129(5), 2-4,6-9

CODEN: SOFJEE; ISSN: 0942-7694

PUBLISHER: Verlag fuer Chemische Industrie H. Ziolkowsky

DOCUMENT TYPE: Journal

LANGUAGE: German

ED Entered STN: 18 Jul 2003

AB Cosmetic emulsions were investigated containing $\leq 1\%$ ceramide 3. The
 solubility of 1% ceramide was low in cosmetic oils and liquid emulsifiers, and
 it was good in aqueous emulsifier wax gels. In o/w creams, 1% ceramide 3
 aggravates the solubility of the oily phase, increases the emulsion viscosity,
 and favors the inhomogeneity of o/w emulsions.

CC 62-4 (Essential Oils and Cosmetics)

Section cross-reference(s): 38

ST ceramide cosmetic emulsion wax gel; oil emulsifier

ceramide cosmetic

IT Cosmetics

(emulsions; formulation of ceramides)

IT Crystallinity

Emulsifying agents

Solubility

Viscosity

(formulation of ceramides)

IT Emulsions

(oil-in-water; formulation of ceramides)

IT Emulsions

(water-in-oil; formulation of ceramides)

IT 56-81-5, Glycerin, biological studies 57-11-4, Stearic acid, biological
 studies 112-30-1D, Decanol, reaction with fatty acids

3687-46-5, Decyl oleate 6144-28-1, Dilinoleic acid 8043-29-6, Tegin M

9005-66-7, Polysorbate 40 9007-48-1 34513-50-3, Octyldodecanol

37220-82-9, Glyceryl oleate 37318-79-9, Sorbitan oleate 63705-03-3

63793-60-2, PPG-3 myristyl ether 74504-65-7, Polyglyceryl caprate

157175-98-9, Tego Care 450 217818-20-7, Tego Care CG 90 494837-94-4,

Abil Care 85

RL: COS (Cosmetic use); MOA (Modifier or additive use); BIOL
(Biological study); USES (Uses)
(formulation of ceramides)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 30 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:491007 CAPLUS Full-text

DOCUMENT NUMBER: 139:73728

TITLE: Cleaning products based on microemulsions that contain oil

INVENTOR(S): Ruppert, Stephan; Schreiber, Joerg; Tesch, Mirko

PATENT ASSIGNEE(S): Beiersdorf Ag, Germany

SOURCE: PCT Int. Appl., '72 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003051319	A1	20030626	WO 2002-EP14139	20021212
W: JP, US				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR				
DE 10161885	A1	20030710	DE 2001-10161885	20011217
EP 1458332	A1	20040922	EP 2002-804889	20021212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, CY, TR, BG, CZ, EE, SK				
PRIORITY APPLN. INFO.:			DE 2001-10161885	A 20011217
			WO 2002-EP14139	W 20021212

ED Entered STN: 27 Jun 2003

AB The invention relates to cleaning products and methods for the production thereof, based on microemulsions that contain oil. These products are aesthetic, can also be foamed and can be used as shower gels, shampoos, cleansing preps., hand washing products, bath preps., make-up removers or shaving products. The products can be of low viscosity or gel-like, can slightly or highly foam and/or used as antibacterial rinse-off formulations. The cleaning products are very mild on the skin and aesthetically transparent. The microemulsions can serve as an impregnation medium for towels and fabrics that are used either wet or dry by the user. In addition, the microemulsions can be applied from a pump foamer. Thus a makeup remover contained (weight/weight%): sodium laureth sulfate 9.00; sodium cocoamphacetate 6.00; citric acid 1.20; dicaprylyl ether 8.00; glyceryl linoleate 2.50; glycerin 5.00; PEG-15 distearate 0.80; sodium chloride 0.50; antioxidants, preservative q.s.; water to 100.

IC ICM A61K007-02

ICS A61K007-075; A61K007-15; A61K007-50

CC 62-4 (Essential Oils and Cosmetics)

ST cosmetic cleansing microemulsion oil surfactant emulsifier

IT Emulsifying agents

(W/O emulsifiers; cleaning products based on microemulsions that contain oil)

IT Fatty acids, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(coco; cleaning products based on microemulsions that contain oil)

IT 56-40-6, Glycine, biological studies 56-41-7, L-Alanine, biological studies 56-84-8, L-Aspartic acid, biological studies 56-86-0,

L-Glutamic acid, biological studies 57-55-6D, Propylene glycol, esters 64-19-7, Acetic acid, biological studies 72-18-4, L-Valine, biological studies 74-79-3, L-Arg, biological studies 79-09-4, Propionic acid, biological studies 107-15-3D, Ethylene diamine, acyl and dialkyl derivs. 107-35-7, Taurine 107-36-8D, acyl derivs. 107-97-1, Sarcosinic acid 110-27-0, Isopropylmyristate 112-92-5, Stearylalcohol 124-04-9D, Hexanedioic acid, ester 142-18-7, Glycerolmonolaurate 142-91-6, Isopropylpalmitate 147-85-3, L-Proline, biological studies 151-41-7, Laurylsulfate 288-32-4D, Imidazole, alkyl derivs. 506-03-6, Chymylalcohol 593-31-7, Selachylalcohol 617-57-2D, 2-Lactylic acid, acyl derivs. 629-82-3, Dicaprylyl ether 629-96-9, Arachidylalcohol 661-19-8, Behenylalcohol 1323-39-3, Propylene glycol monostearate 1680-31-5, Dicaprylyl carbonate 3687-46-5, Decyloleate 5138-18-1, Sulfosuccinic acid 6899-10-1D, Cetyltrimethylammonium, salts 7664-38-2D, Phosphoric acid, esters and salts 9005-00-9, Steareth-2 9005-08-7, 9006-65-9, Dimethicone 12441-09-7D, Sorbitan, esters 12694-22-3, Diglycerolmonostearate 20292-08-4, 2-Ethylhexyl laurate 25496-72-4, Glycerolmonooleate 26183-44-8 26402-22-2, Glycerolmonocaprate 26402-26-6, Glycerolmonocaprylate 26915-75-3D, Poly(ethylene oxide)sodium, olive oil carboxylate 27195-16-0, Saccharosdistearate 27321-96-6 29806-73-3, 2-Ethylhexylpalmitate 30776-58-0 31566-31-1, Glycerol monostearate 34513-50-3, Octyldodecanol 36653-82-4, Cetylalcohol 37348-65-5, Glycerol linoleate 42131-27-1 54392-26-6, Sorbitan monoisostearate 63705-03-3, Polyglyceryl-Diisostearate 66082-42-6, Triglycerindiisostearate 66085-00-5, Glycerolmonoisostearate 67298-08-2D, coco alc. derivs. 67938-21-0 68171-38-0, Propylene glycolmonoisostearate 68958-54-3, Propylene glycoldiisostearate 70445-33-9 81752-33-2, Diglycerolmonoisostearate 83138-62-9, Polyglyceryl Isostearate 93803-86-2, Octylisostearate 103175-09-3 111092-72-9 127557-63-5 130926-64-6D, acyl and alkyl derivs. 130926-65-7D, acyl and alkyl derivs. 136532-13-3D, acyl derivs. 179799-69-0, Isobehenylalcohol 192268-49-8 225936-98-1 827596-80-5

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(cleaning products based on microemulsions that contain oil)

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 31 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2003:1205 CAPLUS Full-text

DOCUMENT NUMBER: 138:61093

TITLE: Alcohol-free clear antiperspirant compositions containing silicones

INVENTOR(S): Johansson, Marie; Brahms, John

PATENT ASSIGNEE(S): Colgate-Palmolive Company, USA

SOURCE: U.S., 8 pp.
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6500412	B1	20021231	US 2002-117900	20020408
CA 2480762	A1	20031023	CA 2003-2480762	20030407
WO 2003086339	A1	20031023	WO 2003-US10576	20030407
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,			

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LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
 PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT,
 TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TG, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 AU 2003226292 A1 20031027 AU 2003-226292 20030407
 EP 1492495 A1 20050105 EP 2003-746625 20030407
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 BR 2003009073 A 20050222 BR 2003-9073 20030407
 MX 2004009864 A 20041207 MX 2004-9864 20041008
 ZA 2004008378 A 20050107 ZA 2004-8378 20041015
 US 2002-117900 A 20020408
 WO 2003-US10576 W 20030407

PRIORITY APPLN. INFO.: MARPAT 138:61093

OTHER SOURCE(S):
 ED Entered STN: 02 Jan 2003

AB A non-sticky, clear water-in-oil emulsion comprising: (a) 65-90 weight% an internal phase comprising 5-35 weight % an antiperspirant salt (anhydrous basis) having a metal:chloride ratio in the range of 0.9-1.4:1; 5-15 weight % tripropylene glycol; and 35-70 weight % water; and (b) 10-35 weight % of an external phase comprising 1-40 weight % of a volatile silicone which is not an elastomer; 0.1-5 weight % of a silicone copolyol surfactant; and 0-20 weight % of a nonvolatile silicone which is not an elastomer; wherein the composition is free of (1) C1-5 saturated alcs., (2) added propylene glycol, (3) elastomer gelling agents, (4) soap gelling agents (5) borate gelling agents, and (6) coupling agents. Thus, a composition contained DC 5225 9.00, Dimethicone DC200 7.25, phenyltrimethicone 1.75, fragrance 0.70, Summit Z529 (antiperspirant active) 67.90, and tripropylene glycol 13.40%.

IC ICM A61K007-32

ICS A61K007-00

INCL 424065000; 424400000; 424401000; 514937000; 514938000

CC 62-5 (Essential Oils and Cosmetics)

IT Cosmetics

(emollients; alc.-free clear antiperspirant compns. containing silicones)

IT Cosmetics

(emulsions, water-in-oil; alc.-free clear antiperspirant compns. containing silicones)

IT Alcohols, biological studies

Fatty acids, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(lanolin; alc.-free clear antiperspirant compns. containing silicones)

IT 60-29-7, Ethyl ether, biological studies 115-10-6, Dimethyl ether
 629-82-3, Dicaprylyl ether 1333-71-7, Sorbitol trioleate 1338-41-6,
 Sorbitan monostearate 1338-43-8, Sorbitan monooleate 4113-12-6,
 Dicityl ether 4747-07-3, Methyl hexyl ether 6297-03-6, Distearyl ether
 9002-92-0, Laureth 9003-09-2, Polyvinyl methyl ether 9003-11-6D,
 C16-18 alkyl ethers 9003-27-4D, Polyisobutene, hydrogenated 9004-81-3,
 Polyethylene glycol laurate 9004-95-9, Ceteth 9004-96-0, Polyethylene
 glycol olate 9004-98-2, Oleth 9004-99-3, Polyethylene glycol stearate
 9005-00-9, Steareth 9005-02-1, Polyethylene glycol dilaurate
 9006-65-9, Dimethicone 9007-48-1, Polyglyceryl olate
 11099-07-3, Glyceryl stearate 18748-98-6, Stearylxytrimethylsilane
 24800-44-0, Tripropylene glycol 25322-68-3D, Polyethylene glycol, esters
 25496-72-4, Glyceryl monooleate 26027-38-3, Nonoxynol 26658-19-5,
 Sorbitan tristearate 27195-16-0, Sucrose distearate 31566-31-1,
 Glyceryl monostearate 33940-98-6, Triglycerol monooleate 34424-98-1,
 Decaglyceryl tetraoleate 37251-67-5 37311-01-6 37318-79-9, Sorbitan

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oleate 39365-90-7, Isolaureth 42557-10-8, DC 200 52581-71-2
 53694-15-8 68958-56-5, Polyethylene glycol diisostearate 71902-01-7,
 Sorbitan isostearate 72255-09-5 106392-12-5, Polyethylene
 glycol-polypropylene glycol block copolymer 119655-66-2 134910-86-4,
 Aluminum zirconium tetrachlorohydrate gly 175831-78-4 195868-36-1,
 Phenyl trimethicone 314241-95-7, DC 5225C 479541-79-2, Z 529
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (alc.-free clear antiperspirant compns. containing silicones)

REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 32 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2002:4657/3 CAPLUS Full-text

DOCUMENT NUMBER: 137:52023

TITLE: Skin oils consisting of oil-soluble constituents and
 w/o-emulsifiers having an HLB value of
 between 2 and 6 and optionally at least one standard
 additive, method for the production and use
 INVENTOR(S): Paspaleeva-Kuehn, Valentina; Schatschneider, Simone;
 Beutler, Rolf D.

PATENT ASSIGNEE(S): Merz und Co. G.m.b.H. & Co., Germany

SOURCE: PCT Int. Appl., 22 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002047641	A2	20020620	WO 2001-EP12707	20011102
WO 2002047641	A3	20021212		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
DE 10062611	A1	20020627	DE 2000-10062611	20001215
CA 2429536	A1	20020620	CA 2001-2429536	20011102
AU 2002012359	A	20020624	AU 2002-12359	20011102
BR 2001016162	A	20031014	BR 2001-16162	20011102
EE 200300290	A	20031015	EE 2003-290	20011102
HU 2003002403	A2	20031028	HU 2003-2403	20011102
EP 1363592	A2	20031126	EP 2001-980539	20011102
EP 1363592	B1	20050831		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
AU 2002212359	B2	20040708	AU 2002-212359	20011102
AT 303129	T	20050915	AT 2001-980539	20011102
IN 2003MN00476	A	20060113	IN 2003-MN476	20030506
BG 107875	A	20040130	BG 2003-107875	20030604
NO 2003002662	A	20030612	NO 2003-2662	20030612
MX 2003005434	A	20050214	MX 2003-5434	20030616
US 20040067206	A1	20040408	US 2003-450542	20031029
PRIORITY APPLN. INFO.:			DE 2000-10062611	A 20001215
			WO 2001-EP12707	W 20011102

ED Entered STN: 21 Jun 2002

AB The invention relates to fatty skin oils containing at least one oil-soluble constituent, at least one W/O-emulsifier having an HLB value of between 2 and 6, preferably between 2 and 5.9 and optionally at least one additive selected from ethereal oils, antioxidants, scented substances, preservatives, active ingredients, UV filters, vitamins, thickeners, and solubilizers. The invention also relates to the production of the oils and the use of the same as skin oils, especially as skin care oils, sport oils, massage oils or sun oils. The skin oils can be applied to dry skin and especially to wet skin, having a self-emulsifying action and the advantages related thereto, soaking easily into the skin without leaving an unwanted greasy film. Thus a skin oil contained (%): Miglyol 812 38.50; peach seed oil 3.00; jojoba oil 1.00; tocopherol acetate 1.10; paraffin oil, viscous 28.4; iso-Pr palmitate 25.00; Abil EM 90 2.00; perfume oil 1.00.

IC ICM A61K007-48

CC 62-4 (Essential Oils and Cosmetics)

ST vesicle skin oil W O emulsifier hydrophilic lipophilic balance

IT Glycerides, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (C8-10; skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)

IT Phenols, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (alkyl; skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)

IT Fats and Glyceridic oils, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (apricot kernel; skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)

IT Essential oils
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (cedarwood; skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)

IT Skin, disease
 (dry; skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)

IT Fatty acids, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (esters, polymers of; skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)

IT Fatty acids, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (esters; skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)

IT Essential oils
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (etheric oils; skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)

IT Embryophyta
 Plants
 (exts.; skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally

- at least one standard additive, method for production and use)
- IT Alcohols, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (fatty, ethers; skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)
- IT Alcohols, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (fatty; skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)
- IT Alcohols, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (lanolin, absence of; skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)
- IT Cosmetics
 - (liposomes; skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)
- IT Cosmetics
 - (oily; skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)
- IT Fats and Glyceridic oils, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (peach seed oil; skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)
- IT Essential oils
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (rosewood; skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)
- IT Antioxidants
 - Dyes
 - Emulsifying agents
 - Hydrophile-lipophile balance value
 - Perfumes
 - Preservatives
 - Solubilizers
 - Sunscreens
 - Thickening agents
 - (skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)
- IT Carbohydrates, biological studies
 - Essential oils
 - Glycerides, biological studies
 - Jorjaba oil
 - Lipids, biological studies
 - Paraffin oils
 - Polysiloxanes, biological studies
 - Soybean oil
 - Sunflower oil
 - Terpenes, biological studies
 - Vitamins
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally

at least one standard additive, method for production and use)

IT Fats and Glyceridic oils, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (valerian; skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)

IT Alcohols, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (wool wax, absence of; skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)

IT 57-88-5, Cholesterol, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (absence of; skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)

IT 50-81-7, Vitamin C, biological studies 58-95-7, Tocopherol acetate
 94-13-3, Propylparaben 99-76-3, Methylparaben 110-44-1, Sorbic acid
 128-37-0, biological studies 137-66-6, Ascorbyl palmitate 142-91-6, Isopropyl palmitate 629-82-3, Cetiol OE 1406-18-4, Vitamin E
 5466-77-3, Neoheliopan AV 11103-57-4, Vitamin A 12441-09-7D, Sorbitan, derivs. 25013-16-5 34316-64-8, Hexyl laurate 74565-11-0, Finsolv TN 83138-62-9 144747-22-8, Dehymuls PGPH 145686-34-6, Abil EM 90 217434-83-8, Isolan PDI
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (skin oils consisting of oil-soluble constituents and w/o-emulsifiers having HLB value of between 2 and 6 and optionally at least one standard additive, method for production and use)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 33 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2002:465753 CAPLUS Full-text

DOCUMENT NUMBER: 137:52015

TITLE: Vesicle forming skin oil containing W/O-emulsifiers with a hydrophilic-lipophilic balance of 2-6, method for the production and its use
 INVENTOR(S): Paspaleeva-Kuehn, Valentina; Schatschneider, Simone; Beutler, Rolf D.

PATENT ASSIGNEE(S): Merz und Co. G.m.b.H. & Co., Germany

SOURCE: PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002047617	A1	20020620	WO 2001-EP12709	20011102
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
DE 10062610	A1	20020627	DE 2000-10062610	20001215

Dennis Heyer 10/580,575

CA 2429431	A1	20020620	CA 2001-2429431	20011102
AU 2002024826	A	20020624	AU 2002-24826	20011102
EP 1347734	A1	20031001	EP 2001-994633	20011102
EP 1347734	B1	20060118		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001016161	A	20031014	BR 2001-16161	20011102
EE 200300289	A	20031015	EE 2003-289	20011102
HU 2003002561	A2	20031128	HU 2003-2561	20011102
AT 315929	T	20060215	AT 2001-994633	20011102
IN 2003MN00477	A	20060113	IN 2003-MN477	20030506
BG 107876	A	20040130	BG 2003-107876	20030604
NO 2003002664	A	20030612	NO 2003-2664	20030612
MX 2003005435	A	20050701	MX 2003-5435	20030616
US 20040076652	A1	20040422	US 2003-450543	20031205
PRIORITY APPLN. INFO.:			DE 2000-10062610	A 20001215
			WO 2001-EP12709	W 20011102

ED Entered STN: 21 Jun 2002

AB The invention relates to skin oils containing fat, containing one or more oil soluble components, one or more W/O emulsifiers with a hydrophilic-lipophilic balance of 2-6, preferably 5.9, one or more vesicle forming lipids and, optionally, one or more additives selected from etheric oils, antioxidants, perfumed materials, preservatives, active ingredients, UV filters, vitamins, consistency modulators and solubilizers. The invention also relates to the production and the use of the skin oil, particularly as a skin care oil, sport oil, massage oil or sun protection oil. The skin oils can be applied on dry skin and particularly on wet skin. The oil is self-emulsifying and spontaneously forms liposomes. The oil also has the advantage as it can easily penetrate the skin without leaving a disturbing layer of fat on it. Thus a skin oil contained (%): Miglyol 812 36.80; peach seed oil 3.00; jojoba oil 1.00; tocopherol acetate 1.10; paraffin oil, viscous 28.4; iso-Pr palmitate 25.00; Abil EM 90 2.00; Phosal 50 SA (50% Lecithin) 2.00; perfume oil 0.70.

IC ICM A61K007-00

ICS A61K007-48

CC 62-4 (Essential Oils and Cosmetics)

ST vesicle skin oil W O emulsifier hydrophilic lipophilic balance

IT Glycerides, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(C8-10; vesicle forming skin oil containing W/O-emulsifiers with a hydrophilic-lipophilic balance of 2-6, method for production and use)

IT Phenols, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(alkyl; vesicle forming skin oil containing W/O-emulsifiers with a hydrophilic-lipophilic balance of 2-6, method for production and use)

IT Fats and Glyceridic oils, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(apricot kernel; vesicle forming skin oil containing W/O-emulsifiers with a hydrophilic-lipophilic balance of 2-6, method for production and use)

IT Essential oils

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(cedarwood; vesicle forming skin oil containing W/O-emulsifiers with a hydrophilic-lipophilic balance of 2-6, method for production and use)

IT Skin, disease

(dry; vesicle forming skin oil containing W/O-emulsifiers with a hydrophilic-lipophilic balance of 2-6, method for production and use)

IT Fatty acids, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

- (esters, polymers of; vesicle forming skin oil containing W/O-emulsifiers with a hydrophilic-lipophilic balance of 2-6, method for production and use)
- IT Fatty acids, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(esters; vesicle forming skin oil containing W/O-emulsifiers with a hydrophilic-lipophilic balance of 2-6, method for production and use)
- IT Essential oils
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(etheric oils; vesicle forming skin oil containing W/O-emulsifiers with a hydrophilic-lipophilic balance of 2-6, method for production and use)
- IT Embryophyta
Plants
(exts.; vesicle forming skin oil containing W/O-emulsifiers with a hydrophilic-lipophilic balance of 2-6, method for production and use)
- IT Alcohols, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(fatty, ethers; vesicle forming skin oil containing W/O-emulsifiers with a hydrophilic-lipophilic balance of 2-6, method for production and use)
- IT Alcohols, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(fatty; vesicle forming skin oil containing W/O-emulsifiers with a hydrophilic-lipophilic balance of 2-6, method for production and use)
- IT Alcohols, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(lanolin; vesicle forming skin oil containing W/O-emulsifiers with a hydrophilic-lipophilic balance of 2-6, method for production and use)
- IT Cosmetics
(liposomes; vesicle forming skin oil containing W/O-emulsifiers with a hydrophilic-lipophilic balance of 2-6, method for production and use)
- IT Cosmetics
(oily; vesicle forming skin oil containing W/O-emulsifiers with a hydrophilic-lipophilic balance of 2-6, method for production and use)
- IT Fats and Glyceridic oils, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(peach seed oil; vesicle forming skin oil containing W/O-emulsifiers with a hydrophilic-lipophilic balance of 2-6, method for production and use)
- IT Sterols
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(phytosterols; vesicle forming skin oil containing W/O-emulsifiers with a hydrophilic-lipophilic balance of 2-6, method for production and use)
- IT Essential oils
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(rosewood; vesicle forming skin oil containing W/O-emulsifiers with a hydrophilic-lipophilic balance of 2-6, method for production and use)
- IT Fats and Glyceridic oils, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(valerian; vesicle forming skin oil containing W/O-emulsifiers with a hydrophilic-lipophilic balance of 2-6, method for production and use)
- IT Antioxidants
Dyes
Emulsifying agents

Hydrophile-lipophile balance value
 Perfumes
 Preservatives
 Solubilizers
 Sunscreens
 Vesicles (colloidal)
 (vesicle forming skin oil containing W/O-emulsifiers with a
 hydrophilic-lipophilic balance of 2-6, method for production and use)

IT Carbohydrates, biological studies
 Ceramides
 Essential oils
 Glycerides, biological studies
 Jojoba oil
 Lecithins
 Lipids, biological studies
 Paraffin oils
 Phosphatidylcholines, biological studies
 Polysiloxanes, biological studies
 Soybean oil
 Sunflower oil
 Terpenes, biological studies
 Vitamins
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (vesicle forming skin oil containing W/O-emulsifiers with a
 hydrophilic-lipophilic balance of 2-6, method for production and use)

IT Alcohols, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (wool wax; vesicle forming skin oil containing W/O-emulsifiers
 with a hydrophilic-lipophilic balance of 2-6, method for production and
 use)

IT 50-81-7, Vitamin C, biological studies 57-88-5, Cholesterol, biological
 studies 58-95-7, Tocopherol acetate 94-13-3, Propylparaben 99-76-3,
 Methylparaben 110-44-1, Sorbic acid 128-37-0, biological studies
 137-66-6, Ascorbyl palmitate 142-91-6, Isopropyl palmitate 629-82-3,
 Cetiol OE 1406-18-4, Vitamin E 5466-77-3, Neoheliopan AV 11103-57-4,
 Vitamin A 12441-09-7D, Sorbitan, derivs. 25013-16-5 34316-64-8,
 Hexyl laurate 74565-11-0, Finsolv TN 83138-62-9 144747-22-8,
 Dehymuls PGPH 145686-34-6, Abil EM 90 217434-83-8, Isolan PDI
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (vesicle forming skin oil containing W/O-emulsifiers with a
 hydrophilic-lipophilic balance of 2-6, method for production and use)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 34 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2002:428658 CAPLUS Full-text
 DOCUMENT NUMBER: 137:10729
 TITLE: Fine-grained emulsions
 INVENTOR(S): Kawa, Rolf; Eskuchen, Rainer; Ansmann, Achim
 PATENT ASSIGNEE(S): Cognis Deutschland GmbH & Co. Kg, Germany
 SOURCE: PCT Int. Appl., 28 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002043672	A1	20020606	WO 2001-EP13482	20011121

Dennis Heyer 10/580,575

W: AU, BR, CN, JP, KR, MX, US

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE, TR

DE 10059430	A1	20020606	DE 2000-10059430	20001130
AU 2002024862	A	20020611	AU 2002-24862	20011121
EP 1337225	A1	20030827	EP 2001-994685	20011121
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2005506274	T	20050303	JP 2002-545650	20011121
US 20040029977	A1	20040212	US 2003-433114	20030529
PRIORITY APPLN. INFO.:			DE 2000-10059430	A 20001130
			WO 2001-EP13482	W 20011121

ED Entered STN: 07 Jun 2002

AB The invention relates to a method for producing emulsions having a particle size of between 0.1 and 5 μ m, whereby oil bodies having a maximum polarity of 5 Debyes are mixed with emulsifying agents and water and are then homogenized under pressure. Thus, a formulation contained an oil (obtained from dicaprylyl carbonate 1.5, coco glycerides 2.5, castor oil 4.2, and Myreth-3 myristate 5.5 debyes) 16.0, an emulsifier mixture (Ceteareth-20 and Emulgin VL-75) 1.0 and water to 100%.

IC ICM A61K007-00

CC ICS A61K009-107; B01F003-08; B01F013-06

62-4 (Essential Oils and Cosmetics)

Section cross-reference(s): 63

ST emulsion cosmetic particle size

IT Alcohols, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(C16-18, ethoxylated; fine-grained emulsions)

IT Glycerides, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(C6-10; fine-grained emulsions)

IT Diglycerides

Monoglycerides
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(C6-18; fine-grained emulsions)

IT Ethers, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(C6-22 alkyl; fine-grained emulsions)

IT Carboxylic acids, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(aromatic, esters, with C6-22 fatty alcs.; fine-grained emulsions)

IT Glycerides, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(coco; fine-grained emulsions)

IT Carboxylic acids, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(dicarboxylic, esters, C2-12; fine-grained emulsions)

IT Cosmetics

Drug delivery systems
(emulsions; fine-grained emulsions)

IT Carboxylic acids, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(esters, C6-13, with C6-22 fatty alcs.; fine-grained emulsions)

IT Fatty acids, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(esters, C6-22, with C6-22 fatty alcs.; fine-grained emulsions)

IT Fatty acids, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(ethoxylated; fine-grained emulsions)

IT Alcohols, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(fatty, C6-18; fine-grained emulsions)

IT Alcohols, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(fatty, ethoxylated; fine-grained emulsions)

IT Alcohols, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(fatty, propoxylated; fine-grained emulsions)

IT Emulsifying agents
Particle size distribution
Viscosity
(fine-grained emulsions)

IT Castor oil
Naphthenes
Polysiloxanes, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(fine-grained emulsions)

IT Castor oil
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(hydrogenated; fine-grained emulsions)

IT Carboxylic acids, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(hydroxy, esters, C18-38, with C6-22 fatty alcs.; fine-grained emulsions)

IT Alcohols, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(primary, branched; fine-grained emulsions)

IT Fatty acids, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(propoxylated; fine-grained emulsions)

IT Protein hydrolyzates
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(wheat, reaction products with coco fatty acids, sodium salts; fine-grained emulsions)

IT 57-50-1D, Sucrose, esters 65-85-0D, Benzoic acid, C6-22 alkyl esters
110-82-7D, Cyclohexane, derivs. 1680-31-5, Dicaprylyl carbonate
7664-93-9D, Sulfuric acid, alkyl esters, sodium salt 9087-48-1,
Polyglycerin oleate 12441-09-7D, Sorbitan, esters, alkoxylated
25496-72-4, Glyceryl oleate 63705-03-3, Polyglycerol diisostearate
68936-89-0, Polyglycerol ricinoleate 68936-95-8 74504-65-7,
Polyglycerol caprate 83138-62-9, Polyglycerin isostearate
84861-79-0, Potassium cetyl phosphate 138520-59-9 145686-34-6, Cetyl
dimethicone copolyol 182510-33-4 195889-53-3, Eumulgin VL75
206451-21-0 433302-46-6
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(fine-grained emulsions)

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 35 OF 35 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2002:220338 CAPLUS Full-text
DOCUMENT NUMBER: 136:252282
TITLE: Application of water nanoclusters to skin
INVENTOR(S): Johnson, Keith H.
PATENT ASSIGNEE(S): Quantum Energy Technologies, USA
SOURCE: PCT Int. Appl., 30 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002022086	A2	20020321	WO 2001-US28775	20010914
WO 2002022086	A3	20030130		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG AU 2001090936 A 20020326 AU 2001-90936 20010914 US 2000-662195 A 20000914 WO 2001-US28775 W 20010914				
PRIORITY APPLN. INFO.:				

ED Entered STN: 22 Mar 2002

AB A process for delivery of water nanoclusters of diameter < .apprx. 1 nm to the skin to yield high epidermal permeability and improved delivery of water to within the outer layer of human skin is described. The invention provides effective water-cluster-based formulations for a broad range of water/oil nanoemulsion configurations. The water nanocluster composition further comprises one or more surfactants selected from fatty acids, ethoxylates and alcs. For example, a water nanocluster/cosmetic oil formulation was prepared as a water/oil emulsion by mixing soybean oil 50%, water 25%, a surfactant (an ethoxylate) 20%, polyglyceryl oleate 4%, and n-pentanol (a cosurfactant) 1%. The water nanoclusters were in the <2-10 nm nanocluster range.

IC ICM A61K007-00

CC 62-4 (Essential Oils and Cosmetics)

Section cross-reference(s): 63

ST water cluster skin delivery cosmetic emulsion

IT Cosmetics

(emulsions; nanoemulsions for delivery of water nanoclusters to skin)

IT Alcohols, biological studies

Fatty acids, biological studies

Hydrocarbon oils

Paraffin oils

Peanut oil

Soybean oil

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(nanoemulsions for delivery of water nanoclusters to skin)

IT 50-81-7, Vitamin C, biological studies 71-41-0, n-Pentanol, biological studies 1314-13-2, Zinc Oxide, biological studies 1406-18-4, Vitamin E 4440-54-4, 3,6,9,12,15,18-Hexaoxahexacosan-1-ol 7732-18-5, Water, biological studies 9007-48-1, Polyglyceryl oleate 27252-75-1

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(nanoemulsions for delivery of water nanoclusters to skin)

REFERENCE COUNT:

4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L48 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2006:292384 CAPLUS Full-text
 DOCUMENT NUMBER: 144:311157
 TITLE: Noodle quality improvers containing
 β -cyclodextrin and manufacture of noodles using
 them
 INVENTOR(S): Miyamoto, Keiichi; Matsuoka, Toshiyasu; Kondo, Naoki;
 Niimi, Keigo; Uchida, Kazuhito
 PATENT ASSIGNEE(S): Taiyo Kagaku Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2006081433	A	20060330	JP 2004-268121	20040915
PRIORITY APPLN. INFO.:				
ED Entered STN: 30 Mar 2006				
AB Noodles, which show good loosening property even upon storage after manufacture, are manufactured by adding the improvers containing β - cyclodextrin (I) and optional emulsifiers or by treating surface of noodles with solns. containing the improvers. Thus, monoglycerin monostearate and I were dissolved in H ₂ O and the solution was spray-dried to give a quality improver. Buckwheat noodles were boiled, cooled with H ₂ O, sprayed with aqueous solution of the above improver, and stored at 5° for 24 h to maintain good loosening property and had good taste and texture.				
CC 17-6 (Food and Feed Chemistry)				
ST noodle loosening property improver beta cyclodextrin emulsifier; glyceride beta cyclodextrin noodle loosening improver				
IT Emulsifying agents Food additives Pasta (manufacture of noodles with good loosening property by adding quality improvers containing β -cyclodextrin and optional emulsifiers or treating surface with the improvers)				
IT Glycerides, biological studies RL: FFD (Food or feed use); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)				

(manufacture of noodles with good loosening property by adding quality improvers containing β -cyclodextrin and optional emulsifiers or treating surface with the improvers)

IT Fagopyrum esculentum

Wheat flour

(noodles; manufacture of noodles with good loosening property by adding quality improvers containing β -cyclodextrin and optional emulsifiers or treating surface with the improvers)

IT 56-81-5D, Glycerin, fatty acid esters 7585-39-9, β -Cyclodextrin 31566-31-1, Glycerin monostearate 55840-14-7, Glycerin monostearate succinate 79777-30-3, Decaglycerin monostearate 81833-69-4, Glycerin monostearate diacetyltartrate

RL: FFD (Food or feed use); MOA (Modifier or additive use); BIOL

(Biological study); USES (Uses)

(manufacture of noodles with good loosening property by adding quality improvers containing β -cyclodextrin and optional emulsifiers or treating surface with the improvers)

L48 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:591344 CAPLUS Full-text

DOCUMENT NUMBER: 143:103266

TITLE: Smooth muscle anti-peristaltic emulsion compositions containing l-menthol, surfactants, and benzoates

INVENTOR(S): Hamawaki, Tomonobu; Kataoka, Yosuke; Okubo, Yoshie

PATENT ASSIGNEE(S): Nihon Pharmaceutical Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2005179292	A	20050707	JP 2003-424565	20031222
			JP 2003-424565	20031222

PRIORITY APPLN. INFO.:

ED Entered STN: 08 Jul 2005

AB The invention relates to a smooth muscle anti-peristaltic agent suitable for use at gastrointestinal endoscopy, wherein the agent is characterized by consisting of an emulsion containing l-menthol, a surfactant, and benzoic acid, p-oxybenzoic acid or its salt or ester, and having an average particle size of ≤ 100 nm. The agent has improved low-temperature stability during storage. An emulsion was prepared from sucrose fatty acid ester (Surfhope J1616) 20, tween 80 (Ionet T-80A) 10, polyoxyethylene hydrogenated castor oil (HCO-60) 36, medium-chain fatty acid triglyceride (Coconad RK) 16, sodium benzoate 12, benzoic acid 12, l-menthol 16 g, and water balance to 2 L.

IC ICM A61K031-045

ICS A61K009-10; A61K047-12; A61K047-14; A61K047-26; A61K047-34; A61P001-00; A61P021-00

CC 63-6 (Pharmaceuticals)

ST menthol surfactant benzoate emulsion peristalsis inhibitor stability

IT Drug delivery systems

(emulsions; smooth muscle anti-peristaltic emulsion compns. containing l-menthol, surfactants, and benzoates)

IT Castor oil

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)

- (hydrogenated, ethoxylated; smooth muscle anti-peristaltic emulsion compns. containing l-menthol, surfactants, and benzoates)
- IT Glycerides, biological studies
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(medium-chain; smooth muscle anti-peristaltic emulsion compns. containing l-menthol, surfactants, and benzoates)
- IT Gastrointestinal motility
Stabilizing agents
Surfactants
(smooth muscle anti-peristaltic emulsion compns. containing l-menthol, surfactants, and benzoates)
- IT Muscle
(smooth; smooth muscle anti-peristaltic emulsion compns. containing l-menthol, surfactants, and benzoates)
- IT 9005-65-6, Tween 80
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(Ionet T 80PA; smooth muscle anti-peristaltic emulsion compns. containing l-menthol, surfactants, and benzoates)
- IT 39300-95-3, Surfhope J 1616
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(Surfhope J 1616; smooth muscle anti-peristaltic emulsion compns. containing l-menthol, surfactants, and benzoates)
- IT 77-92-9, Citric acid, biological studies
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(pH adjuster; smooth muscle anti-peristaltic emulsion compns. containing l-menthol, surfactants, and benzoates)
- IT 65-85-0, Benzoic acid, biological studies 99-96-7, biological studies 532-32-1, Sodium benzoate 538-23-8, Coconad RK 2216-51-5
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(smooth muscle anti-peristaltic emulsion compns. containing l-menthol, surfactants, and benzoates)

L48 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:449995 CAPLUS Full-text

DOCUMENT NUMBER: 142:465466

TITLE: Evaluation methods for the physical properties of polyhydric alcohol fatty acid esters based on the determination of cloud points

INVENTOR(S): Okubo, Yasuhiro; Iwanaga, Tetsuro;
Schida, Kazuhito

PATENT ASSIGNEE(S): Taiyo Kagaku Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2005134289	A	20050526	JP 2003-372096	20031031
PRIORITY APPLN. INFO.:			JP 2003-372096	20031031
ED Entered STN: 27 May 2005				
AB The cloud points of aqueous solns. containing the title esters and polyoxyethylene nonionic surfactants are determined without the limitation by the HLB values of the title esters. Thus, cloud points were determined for aqueous solns. containing polyglycerin oleates having various HLB values and polyethylene glycol lauryl ether.				
IC ICM G01N025-04				
CC 46-4 (Surface Active Agents and Detergents)				

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IT 9607-48-1P, Polyglycerin oleate 9609-32-9P, Polyglycerin
stearate
RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or
engineered material use); PREP (Preparation); USES (Uses)
esters (cloud points of aqueous solns. containing polyhydric alc. fatty acid
and polyoxyethylenes)

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